

Extra-Long Enlarger

Cat. No. 403-605 C760-XL Condenser Enlarger

Omega[®]

C760 Condenser Enlarger System

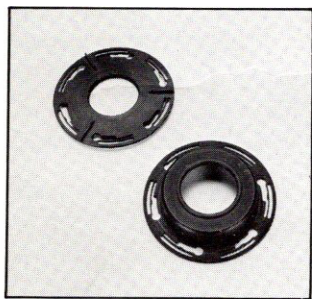
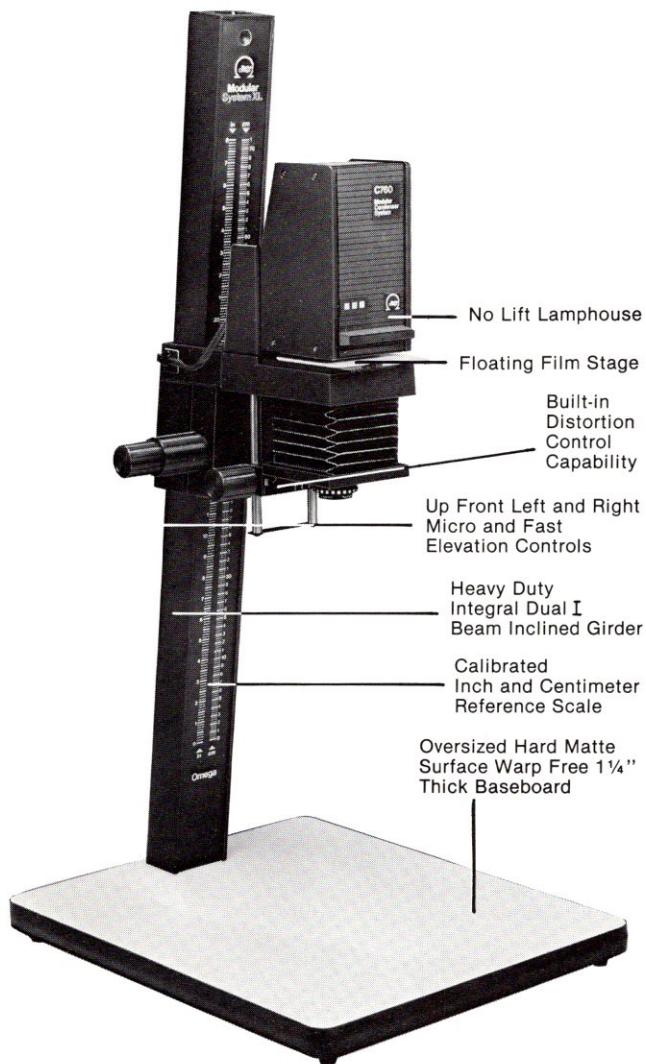
Key Features

- Available in XL version only, which allows full 16x20" (40x50cm) prints on baseboard.
- Column is calibrated with an inch and centimeter scale for precise print repeatability.
- Dual focus and carriage elevation controls permit right or left hand operation.
- Prints ten (10) different film formats from Minox to 35mm to 6x7cm (2 1/4 x 2 3/4").
- Lamphouse easily rotates 90° right or left for mural-size wall projections.
- Column can be reversed for floor projection.
- Lens and film stage can be shifted and tilted for distortion control. Positive zero detent and scale provide accurate and repeatable positioning.
- Carriage, lamphouse and column easily removable for compact storage.
- Film carriers rotate 180° for ease of framing. Carriers equipped with unique film release slide for easy, rapid advance of film.
- Vibration-free unitized construction with a Dual I beam column and 1 1/4" warp-free baseboard.
- Dual plane optical alignment capability allows precise alignment. (Alignment test negative included).
- Counterbalanced self-centering, self-adjusting carriage for easy and precise print composition.
- "Floating" film stage locks carriers firmly and precisely in proper alignment with the optical system and baseboard.
- Carriage lock prevents movement of lamphouse to ensure precise focusing.
- Constant force counterbalance spring allows smooth lamphouse movement on the column.
- Extra-long bellows for print reductions.
- Two (2) lens mounts included offer a unique user adjustable pin-locking system allowing the user to position the lens' f/stops so they can be read quickly and easily.
- Lens mounts are 39mm Leica threaded. One is flat for 50mm to 105mm lenses and one reversible mount can be used recessed or extended for 35mm to 105mm lenses.

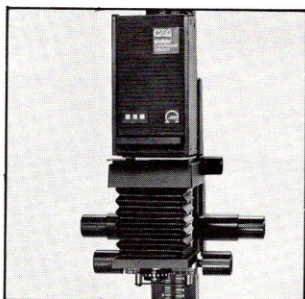
Optional accessories include:

Copy Camera Attachment (Cat. No. 429-065)

- Instantly turns the enlarger into a copy camera stand.



Flat and recessed/extended interchangeable multi position lens mounts provided. Unique designed allows f/stops to always face user.



Oversized up front left and right hand self-adjusting, friction focus controls.

Omega[®]

C760 Condenser Enlarger System

Key Features

Lamphouse

- Instant access lamphouse. Light-tight front panel lifts to allow adjustment of condensers, filter insertion or to change lamp.
- Precision optical glass triple condenser system provides proper light coverage and maximum light output for all film formats.
- Special "teardrop" lamp features optically centered filament which produces even light transmission across the entire format.
- UL Listed for safety.

Optional accessories include:

Filter Drawer (Cat. No. 429-037)

- Accepts 75mm square filters for color, variable contrast black and white or special effects printmaking.

Heat Absorbing Glass (Cat. No. 473-118)

- Provides infrared absorption and heat suppression for protection of filters and prevents film deterioration.

Technical Specifications

Film Format Range Minox to 35mm to 6x7cm
(2 1/4 x 2 3/4")

Baseboard Dimensions 18x22x1 1/4"
(46x56x3cm)

Maximum Height:

XL 50" (127cm)

On Baseboard Magnification Ranges:

Film Format	Lens (mm)	Magnifications ¹	
		Min. XL	Max. XL
Minox	35	3X	25.5X
Disc	35	3X	25.5X
110	35	.3X	25.5X
35mm	50	.4X	17.2X
6x6cm (2 1/4 x 2 1/4")	75	.7X	10.7X
6x6cm (2 1/4 x 2 1/4")	80	.8X	10.0X
6x7cm (2 1/4 x 2 3/4")	90	1.0X	8.6X
6x7cm (2 1/4 x 2 3/4")	105	1.7X	7.0X

¹All magnifications are based on using 1" base easel.

Power 120VAC, 60 Hz.

Lamp 75W/120V

Shipping Dimensions 43 3/4 x 18 1/2 x 10 1/4"
(109.4x46.0x26.0cm)

Shipping Weight

XL Enlarger 35 lbs. (15.9kg)

Enlarger consists of:

- XL Chassis
- Baseboard
- Flat Lens Mount
- Recessed/Extended Lens Mount
- Condenser Lamphouse
- 75W/120V Opal Lamp
- Two (2) Standard Mounted Condensers
- One (1) Small Format Mounted Condenser

BMC

OMEGA DIVISION

BERKEY MARKETING COMPANIES

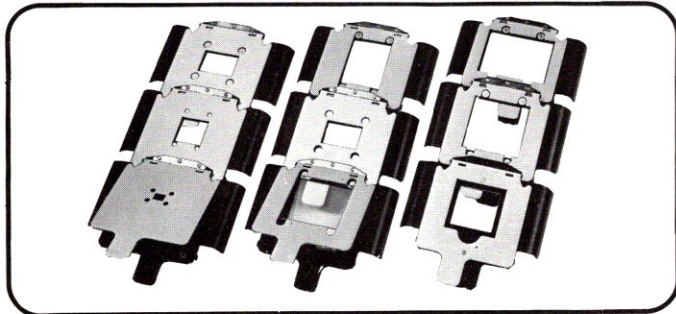
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3400 East 70th Street, Long Beach, CA 90805



Omega®

C700 Enlarger System

C700 Accessories

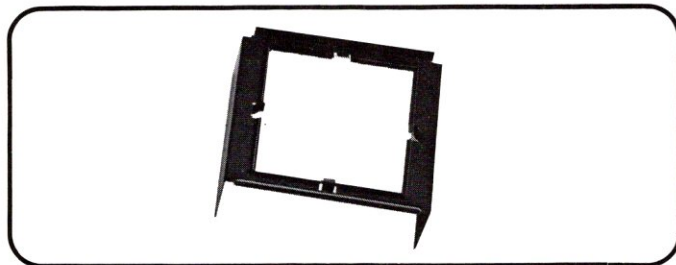


Negative Carriers

Cat. No. Description

- | | |
|---------|--|
| 423-115 | Minox |
| 423-122 | 110 |
| 423-118 | 126 |
| 423-117 | 35mm Full Frame |
| 423-123 | 35mm Mounted 2x2" Transparency |
| 423-126 | 6x4.5cm (2 1/4 x 1 3/8") |
| 423-120 | 6x6cm (2 1/4 x 2 1/4") |
| 423-129 | 6x6cm (2 1/4 x 2 1/4") Glass Carrier with Anti-Newton Glass. |
| 423-127 | 6x7cm (2 1/4 x 2 3/4") for C700 only |

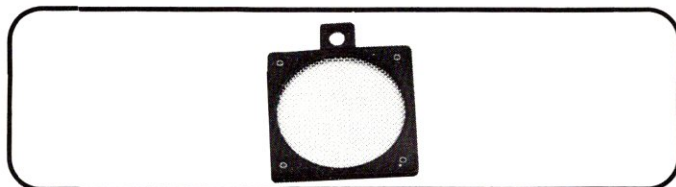
- Special spring-loaded, rapid-shift design with bright top surface and non-reflective bottom. Stainless steel film guide pins assure easy film advance, location and installation. Choice of nine (9) popular formats. Also fits all Omega B66, B22, B600, and Concept Six enlargers.



Heat Absorbing Glass

Cat. No. 473-121

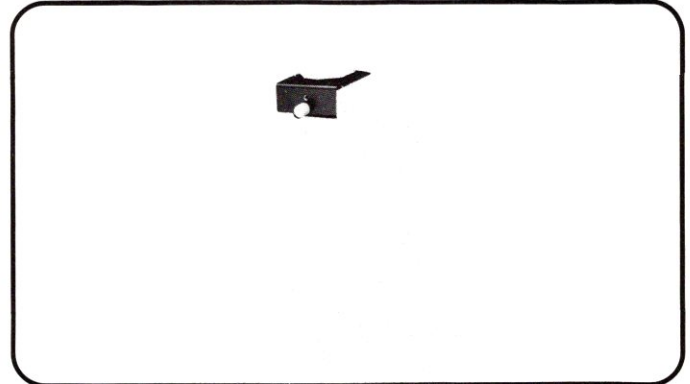
- Supplied in metal frame, provides infrared absorption and heat suppression when using the condenser lamp-house. Recommended for use with filters, and required for best results when color printmaking.



Portrait Diffusion Grid

Cat. No. 429-015

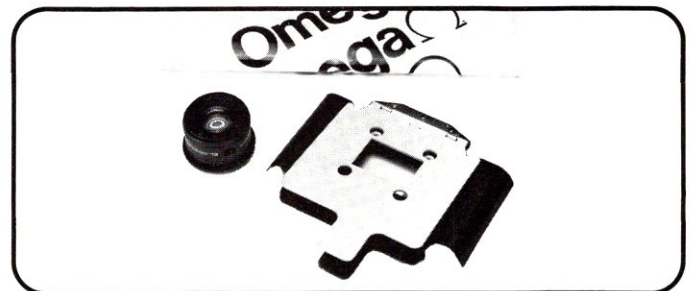
- A wire-mesh grid mounted under the enlarger lens (using Filter Holder Cat. No. 429-060) to produce softly diffused effects when printing.



Copy Camera Attachment

Cat. No. 429-062

- For duplicating slides and making color or black and white copies. Accepts "T" mount adapters for mounting almost all SLR cameras directly to the enlarger chassis. Invert the dichroic lamphouse on the base for use as a continuously variable color balance light source. Also fits all Omega B66, B22, B600 and Concept Six enlargers.



Lens Kits

Cat. No. Description

- | | |
|---------|---|
| 455-337 | El-Omegar 50/75mm Two Lens Kit (for 35mm and 6x6cm negatives) |
| 455-335 | El-Omegar 50mm Lens Kit (for 35mm negatives) |
| 455-336 | El-Omegar 75mm Lens Kit (for 6x6cm negatives) |

- Special pre-packed lens and negative carrier kits are available with a choice of quality Rodenstock Enlarging Lenses. Kits consist of a specific focal length lens in combination with an appropriate negative carrier and dust cover.

Dust Cover

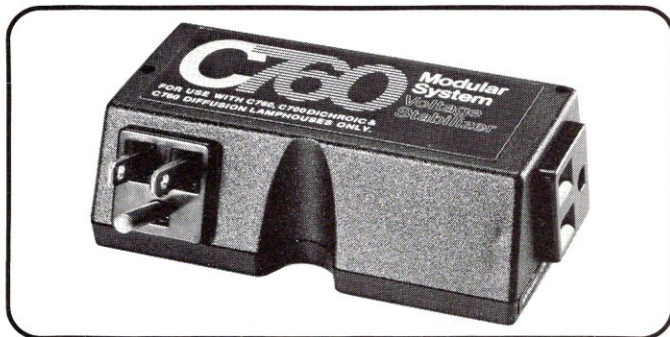
Cat. No. 479-011

- Covers and protects enlarger when not in use.

Omega®

C700 Enlarger System

C700 Accessories



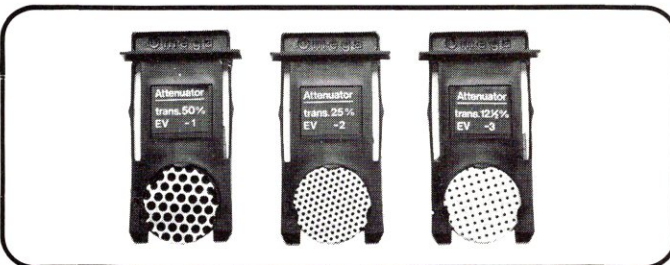
Solid State Voltage Stabilizer (for Super Chroma C760 Dichroic and C760 Diffusion Lamphouses)

Cat. No. 403-730

- Compact solid state design plugs directly into timer and does not require counter space.
- Assures constant temperature for consistent color print results at all times.

Technical Specifications

Input Voltage 120VAC, 60 Hz.
Output Voltage 84VDC, 1 Amp



C760 Attenuator Kit (for C760 Diffusion Lamphouse)

Cat. No. 429-330

- Set of three interchangeable light attenuators for controlling light output up to 1, 2 or 3 f/stops for optimum lens aperture and exposure time combination.

Filter Holder

Cat. No. 429-060

- Swing-away holder for use with under-the-lens accessories such as a red filter, portrait grid and variable contrast filters.



C760 Variable Contrast Filter Module (for C760 Diffusion and C760 Dichroic Lamphouses)

Cat. No. 429-376

- Patented Variable Contrast Filter Module provides continuously variable contrast at a constant exposure and is calibrated to Kodak Polycontrast® and Ilford Multigrade® photographic papers.

Lamps

Cat. No. 471-400

- Pre-focused, Quartz Halogen 85W/82V Lamp for C760 and C700 Dichroic and C760 Diffusion Lamphouses.

Cat. No. 471-038

- "Teardrop" Opal 75W/120V Lamp for C700 Condenser Lamphouse.

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BERKEY MARKETING COMPANIES

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Extra-Long Enlarger

Cat. No. 403-630 C760-XL Dichroic Enlarger

Omega[®]

C760 Dichroic Enlarger System

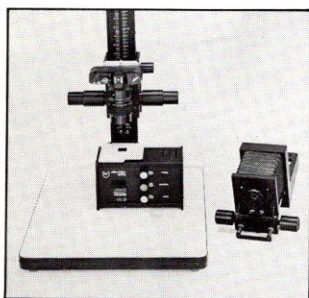
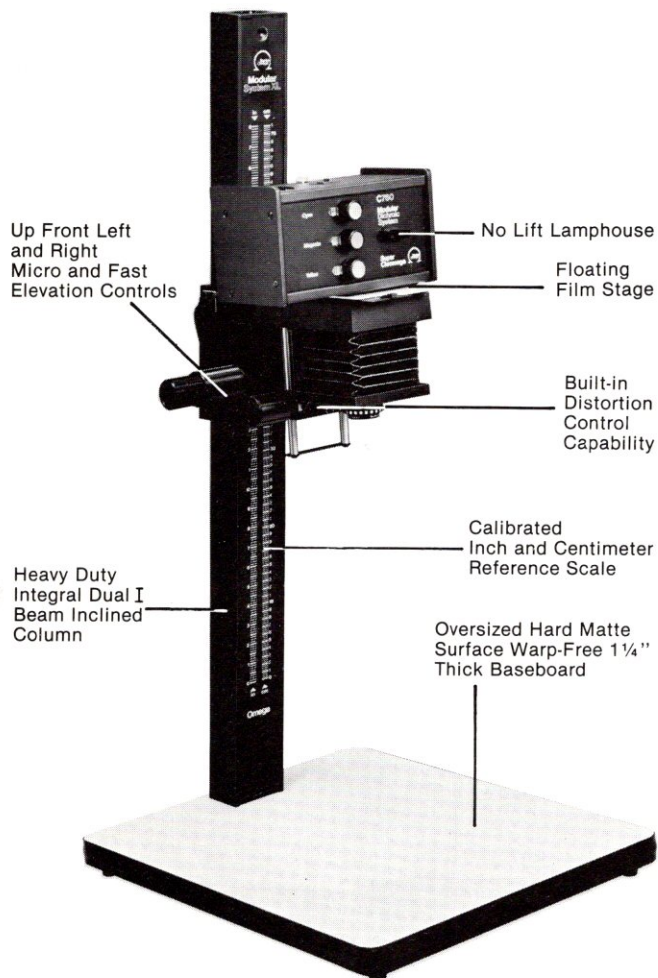
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- Column is calibrated with an inch and centimeter scale for precise print repeatability.
- Dual focus and carriage elevation controls permit right or left hand operation.
- Prints ten (10) different film formats from Minox to 35mm to 6x7cm (2 1/4 x 2 3/4").
- Lamphouse easily rotates 90° right or left for mural-size wall projections.
- Column can be reversed for floor projection.
- Lens and film stage can be shifted and tilted for distortion control. Positive zero detent and scale provide accurate and repeatable positioning.
- Carriage, lamphouse and column easily removable for compact storage.
- Film carriers rotate 180° for ease of framing. Carriers equipped with unique film release slide for easy, rapid advance of film.
- Vibration-free unitized construction with a Dual I beam column and 1 1/4" warp-free baseboard.
- Dual plane optical alignment capability allows precise alignment. (Alignment test negative included).
- Counterbalanced self-centering, self-adjusting carriage for easy and precise print composition.
- "Floating" film stage locks carriers firmly and precisely in proper alignment with the optical system and baseboard.
- Carriage lock prevents movement of lamphouse to ensure precise focusing.
- Constant force counterbalance spring allows smooth lamphouse movement on the column.
- Extra-long bellows for print reductions.
- Two (2) lens mounts included offer a unique user adjustable pin-locking system allowing the user to position the lens' f/stops so they can be read quickly and easily.
- Lens mounts are 39mm Leica threaded. One is flat for 50mm to 105mm lenses and one reversible mount can be used recessed or extended for 35mm to 105mm lenses.

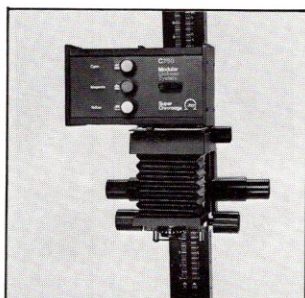
Optional accessories include:

Copy Camera Attachment (Cat. No. 429-065)

- Instantly turns the enlarger into a copy camera stand.



Converts to slide duplicating light source with full color adjustment range for making internegatives, dupe slides and copying, with accessory Copy Camera Attachment (Cat. No. 429-065).



Oversized up front left and right hand self-adjusting, friction focus controls.

Omega®

C760 Dichroic Enlarger System

Key Features

Lamphouse

- Built-in solid state power supply.
- A white light lever removes the dichroic filters from the light path without disturbing the filter setting thus increasing illumination for easier focusing.
- Interchangeable light attenuators can control light output 1, 2 or 3 f/stops enabling the use of optimum f/stop and exposure time. Ideal for creative effects such as burning and dodging.
- Continuously variable dichroic cyan, magenta, and yellow filters are fade-free and individually calibrated for precise color control.
- Filtration range of 0-200 units using calibrated, magnified, color-coded, illuminated reference scales in one unit increments. Zero detent for white light for black and white printmaking.
- Diffused illumination system actually suppresses scratches and dust for blemish-free prints.
- Two (2) mixing chambers are included — one for film formats 35mm and smaller, and one for film formats up to 6x7cm — with patented diffusers assure bright, even illumination for all film sizes.
- Built-in infrared heat absorbing filter yields purer color rendition and better color saturation.
- Built-in ultraviolet filtration prevents off color highlights and shadows.
- Exclusively designed pre-focused Quartz Halogen lamp operating at 85W/82V for long life, consistent color temperature and maximum light output.
- Die-cast aluminum heat sink and flow through air convection cooling system dissipates heat efficiently, keeping the film stage cool during use.
- UL Listed for safety.

Optional accessories include:

Solid State Voltage Stabilizer (Cat. No. 403-730)

- Regulates line voltage for consistent light output.

Variable Contrast Filter Module (Cat. No. 429-376)

- Allows continuously variable contrast printing at constant exposure with Kodak Polycontrast® and Ilford Multigrade® papers.

Technical Specifications

Film Format Range Minox to 35mm to 6x7cm
(2¼ x 2¾")

Baseboard Dimensions 18x22x1¼"
(46x56x3cm)

Maximum Height:

XL 50" (127cm)

On Baseboard Magnification Ranges:

Film Format	Lens (mm)	Magnifications¹	
		Min. XL	Max. XL
Minox	35	3X	25.5X
Disc	35	3X	25.5X
110	35	.3X	25.5X
35mm	50	.4X	17.2X
6x6cm (2¼ x 2¼")	75	.7X	10.7X
6x6cm (2¼ x 2¼")	80	.8X	10.0X
6x7cm (2¼ x 2¾")	90	1.0X	8.6X
6x7cm (2¼ x 2¾")	105	1.7X	7.0X

¹All magnifications are based on using 1" base easel.

Power 120VAC, 60 Hz.

Lamp 75W/120V

Shipping Dimensions 43¾ x 18½ x 10¼"
(109.4x46.0x26.0cm)

Shipping Weight

XL Enlarger 36 lbs. (16.4kg)

Enlarger consists of:

- XL Chassis
- Baseboard
- Flat Lens Mount
- Recessed/Extended Lens Mount
- Super Chromega C760 Dichroic Lamphouse
- 35mm Mixing Chamber
- 6x7cm Mixing Chamber
- 85W/82V Quartz Halogen Lamp
- Attenuator Control Set
- Mounting Brackets for C760, C700, Concept Six and B600 Enlargers

BMC

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BERKEY MARKETING COMPANIES

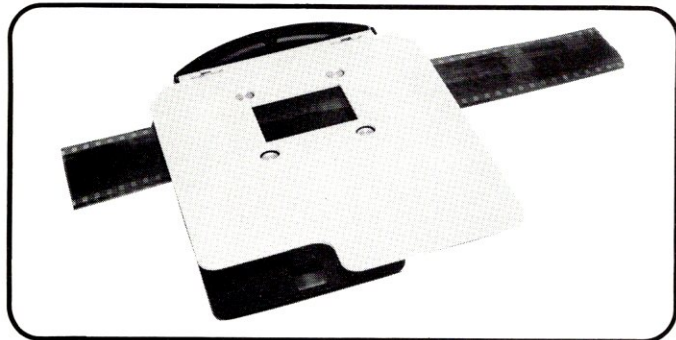
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Omega®

C760 Enlarger Systems

C760 Accessories



Negative Carriers

Cat. No. Description

423-400	Minox
423-409	Disc
423-401	110
423-402	126
423-403	35mm Half Frame
423-404	35mm Full Frame
423-405	35mm Mounted Transparency
423-406	6x4.5cm (2 1/4 x 1 5/8")
423-407	6x6cm (2 1/4 x 2 1/4")
423-408	6x7cm (2 1/4 x 2 3/4")
423-423	6x7cm (2 1/4 x 2 3/4") with Anti-Newton Glass

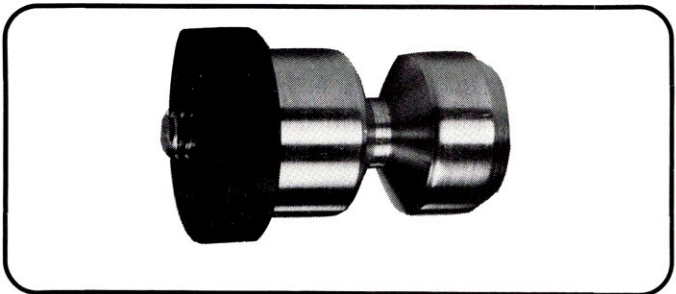
- Ten glassless and one glass carrier feature the unique Omega film release slide to permit rapid advance of film with carrier in the enlarger. Carriers rotate 180° for horizontal and vertical formats.

Lens Mounts (supplied with enlarger)

Cat. No. Description

421-061	Flat Lens Mount with 39mm Leica thread for all Leica threaded lenses 50-150mm.
421-065	Recessed/Extended Lens Mount. Use "recessed" for Leica threaded lenses shorter than 50mm. Use "extended" for Leica threaded 80-105mm lenses for reduction printing.

- Multi-position capability allows f/stops to face the operator.



Copy Camera Attachment

Cat. No. 429-065

- For duplicating slides and making color or black and white copies. Simply remove lamphouse and film stage in one easy motion and replace it with a camera using the unique C760 camera adapter. Invert the dichroic lamphouse on the base for use as a continuously variable color balance light source.

Filter Holder

Cat. No. 429-026

- Swing-away holder for use with under-the-lens accessories such as red filter, portrait grid and other filters, etc.

Lens Kits

Cat. No. Description

455-405	El-Omegar 50mm Lens Kit (for negatives)
455-407	El-Omegar 75mm Lens Kit (for negatives)
455-425	Rogonar-S 50mm Lens Kit (for negatives)

- Special pre-packed lens and negative carrier kits are available with a choice of Rodenstock quality enlarging lenses. Kits consist of the appropriate focal length lens in combination with a negative carrier and dust cover.



Lamphouses

Super Chroma C760 Dichroic

Cat. No. 403-622

Cat. No. 403-623 (220V)

- 0-200 filtration range using continuously variable dichroic fade-free filters. Built-in power supply, a white light control, pre-focused Quartz Halogen Lamp, attenuator kit, interchangeable mixing chambers (35mm and 6x7cm) with patented tapered diffusers and built-in infrared and ultraviolet filtration.

C760 Condenser

Cat. No. 403-625

Cat. No. 403-628 (220V)

- Precision optical glass triple condenser system, special optically centered filament "Teardrop" lamp, and easy access light tight front panel.

Omega®

C760 Enlarger Systems

C760 Accessories



C760 Variable Contrast Filter Module (for C760 Diffusion and C760 Dichroic Lamphouses)

Cat. No. 429-376

- Patented Variable Contrast Filter Module provides continuously variable contrast at a constant exposure and is calibrated to Kodak Polycontrast® and Ilford Multigrade® photographic papers.

Heat Absorbing Glass (for C760 Condenser Lamphouse)

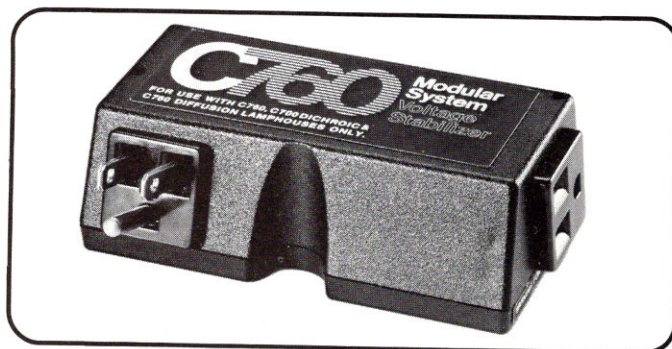
Cat. No. 473-118

- Provides infrared absorption and heat suppression when using the condenser lamphouse. Recommended for use with filters, and required for best results when color printing.

Filter Drawer (for C760 Condenser Lamphouse)

Cat. No. 429-037

- Accepts 75mm square filters used for color, variable contrast, black and white, and special effects printmaking.



Solid State Voltage Stabilizer (for Super Chromega C760 Dichroic and C760 Diffusion Lamphouses)

Cat. No. 403-730

- Compact solid state design plugs directly into timer and does not require counter space.
- Assures constant color temperature for consistent color print results at all times.

Technical Specifications

Input Voltage 120VAC, 60 Hz.
Output Voltage 84VDC, 1 Amp

C760 Attenuator Kit (for C760 Diffusion Lamphouse)

Cat. No. 429-330

- Set of three interchangeable light attenuators for controlling light output up to 1, 2 or 3 f/stops for optimum lens aperture and exposure time combination.

Dust Cover

Cat. No. 479-011

- Covers and protects entire enlarger when not in use.

Lamps

Cat. No. 471-400

- Pre-focused, Quartz Halogen 85W/82V Lamp for C760 and C700 Dichroic and C760 Diffusion Lamphouses.

Cat. No. 471-038

- "Teardrop" Opal 75W/120V Lamp for C760 Condenser Lamphouse.

Heavy Duty Wall Mount

Cat. No. 429-096

- Cast aluminum wall mount attaches enlarger column to wall.

Wall Brace

Cat. No. 429-097

- Triangular truss metal wall brace provides maximum rigidity with table or wall mounted system.

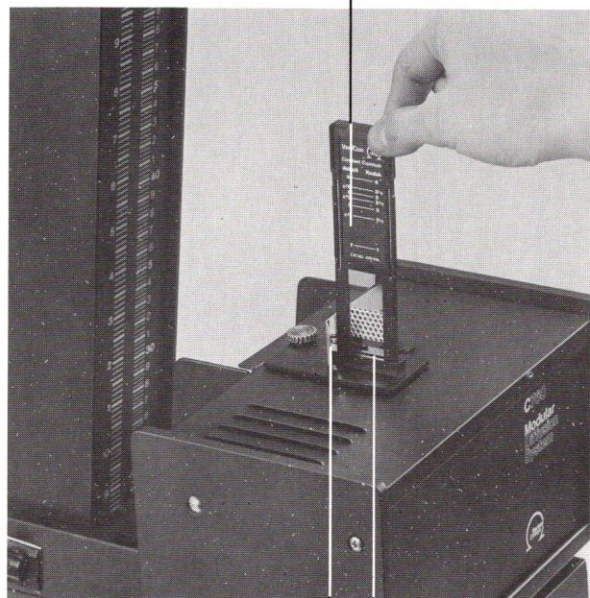
Portrait Diffusion Grid

Cat. No. 429-012

- Wire mesh grid provides "soft" portrait effects when printing.



Vari/Con
Filter Slide



Vari/Con Image
Reflector

Vari/Con Dual
Calibrated Index

Kodak Polycontrast is a trademark of Eastman Kodak Company.
Ilford Multigrade is a trademark of Ilford, Inc.

Vari/Con is a trademark of the Omega Division, Berkey Marketing Companies.

Beseler 67C, 67CS, 67CP are trademarks of the Beseler Photo Marketing Company.

Omega®

Universal Vari/Con™ Diffusion Lamphouse

The Universal Vari/Con Diffusion Lamphouse provides continuously variable contrast control precisely calibrated to Kodak Polycontrast® and Ilford Multigrade® photographic papers while maintaining exposure time. This Vari/Con Diffusion Lamphouse incorporates the patented Variable Contrast Filter Module and will fit most medium format enlargers.

The unique Vari/Con Lamphouse maintains constant print density when changing from one grade of contrast to another even in small incremental steps. This eliminates exposure time recalculations and additional test prints, saving costly paper and chemicals. The Vari/Con Lamphouse provides *continuously variable* contrast grades, previously available only on more costly lamphouses. Constant exposure contrast ranges include Kodak Polycontrast® #1 through #4 and Ilford Multigrade® #2 through #7.

The Vari/Con Lamphouse has a built-in power supply and an exclusively designed 85W pre-focused Quartz Halogen Lamp. The die-cast aluminum heat sink and flow-through air convection cooling system dissipates heat efficiently, keeping the film stage cool during use.

The Vari/Con Filter is constructed of fade-free dichroic magenta and yellow filters with attenuator assuring clearer and more accurate contrast grades. The continuously variable contrast capability provides additional flexibility, creativity and control never available before in custom black-and-white printmaking.

Technical Specifications

Lamphouse Contains 85W/82V, Pre-focused Quartz Halogen Lamp. Two (2) Mixing Chambers with patented Tapered Diffusers in 35mm and 6x7cm (2 1/4" x 2 3/4") sizes which cover all film formats.

Vari/Con Filter Slide.

Vari/Con Dual Calibrated Index.

Vari/Con Image Reflector.

Brackets included for instant mounting on Omega C760, C700, Concept Six and B600 Enlargers and Beseler 67C, 67CP and 67CS Enlargers.

Power 120VAC, 60 Hz.

Vari/Con Filter Slide. Constructed of fade-free dichroic magenta and yellow filters with attenuator. Providing for continuously variable step-less filtration.

Constant Exposure

Contrast Grades Continuously variable Kodak Polycontrast #1 through #4 and Ilford Multigrade #2 through #7.

Optional accessories include:

Solid State Voltage Stabilizer, Cat. No. 403-730.

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3400 East 70th Street, Long Beach, CA 90805



Omega®

Variable Contrast Filter Module

Patented, Variable Contrast Filter Module can transform every Omega C760 Diffusion, and C760 and C700 Dichroic Lamphouse into a variable contrast constant exposure black-and-white printer. This revolutionary new filter is precisely calibrated to both Kodak Polycontrast® and Ilford Multigrade® photographic papers. The unique Variable Contrast Filter Module maintains print density even when changing from one grade of contrast to another. Therefore, it eliminates the need for time consuming exposure recalculations and additional test prints, saving costly paper and chemicals.

The Variable Contrast Filter Module provides *continuously variable* contrast grades which are not available with standard variable contrast filter sets. Kodak Polycontrast and Ilford Multigrade filter sets offer pre-set contrast grade increments. The Vari/Con Filter provides custom constant exposure contrast selection at any grade of contrast ranging from Kodak Polycontrast #1 through #4 and Ilford Multigrade #2 through #7.

The Variable Contrast Filter Module slides into the lamphouse eliminating the focusing image distortion and dust problems with regular below-the-lens contrast filters. It is made of fade-free dichroic magenta and yellow filters with attenuator, assuring clearer and more accurate contrast grades.

Technical Specifications

Module Consists of . . . Vari/Con Filter Slide.

Vari/Con Dual Calibrated Index.

Vari/Con Image Reflector.

Vari/Con Filter Slide . . . Constructed of fade-free dichroic magenta and yellow filters with attenuator providing for continuously variable step-less filtration.

Vari/Con Dual

Calibrated Index Secures the filter and reflector to the lamphouse without the use of tools and serves as an index when selecting contrast grade.

Vari/Con Image Reflector

Provides proper image orientation and allows easy reading of selected contrast grades.

Constant Exposure

Contrast Grades Continuously variable Kodak Polycontrast #1 through #4 and Ilford Multigrade #2 through #7.

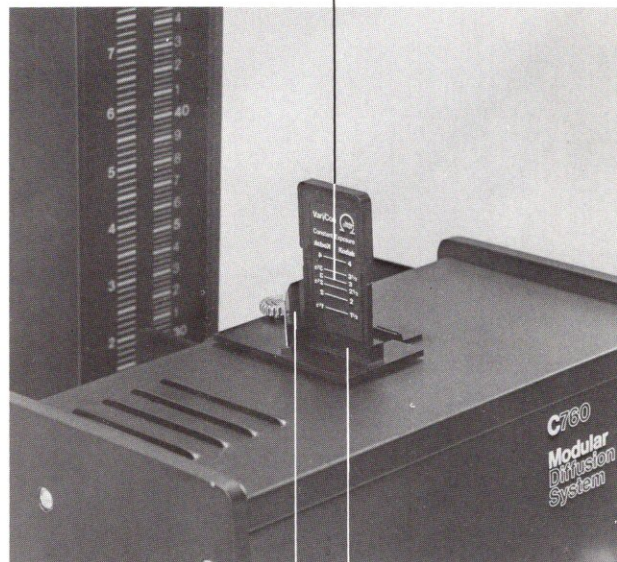
Lamphouses C760 Diffusion Lamphouse, Super Chromega C760 Dichroic Lamphouse and C700 Dichroic Lamphouse.

Vari/Con Filter

Slide Dimensions . . . 5 $\frac{1}{8}$ " x 1 $\frac{1}{4}$ " x $\frac{1}{4}$ " (13x3.2x.6cm)

Cat. No. 429-376

Vari/Con
Filter Slide



Vari/Con Image
Reflector

Vari/Con Dual
Calibrated Index

Polycontrast is a trademark of the Eastman Kodak Company.
Multigrade is a trademark of Ilford, Inc.
Vari/Con is a trademark of the Omega Division, Berkey Marketing Companies.

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Omega[®]

medium format enlargers

The Omega modular system concept provides a wide choice of lamphouses, film carriers, optics and chassis to meet the ever-changing requirements of the active photographer.

Functional Chassis

The rugged, functional chassis is the foundation of the Omega system enlargers. A foundation of uncommon rigidity and versatility designed to meet the demanding needs of the photographer.

The System 700 and Concept Six chassis has oversized, easy access controls, a rigid inclined girder design with calibrated reference scales and a counterbalanced carriage for smooth fingertip elevation control. Special spring loaded, rapid-shift interchangeable film carriers assure easy film advance, positioning and installation.

The System 66 XL features a large triangular cross section girder for added stability and vibration resistance. It's extra length means you can get on baseboard magnifications up to 16" x 20". The System C-67 XL chassis is designed with the professional photographer in mind. It is of commercial grade double-wall construction for optimum stability and is 48" long for oversize print capability. A rack and pinion carriage/lock elevation control and extra large focusing knobs offer maximum convenience and easy operation. High parallel-lift action allows easy film carrier installation and repositioning in all chassis designs. Rotating carriers allow easy negative positioning in either horizontal or vertical format.

Revolutionary Baseboard Design

In addition to the professional standard heavy-duty baseboard of the System 700 and C-67 XL, the Concept Six Paperhandler baseboard combines all "dry-side" paper handling functions in less counter space. Built-in paper positioners allow user to focus, compose and make borderless prints, up to 11" x 14" right on the baseboard . . . without accessories. A paper storage compartment is built right into the baseboard of the Concept Six Paperhandler and provides instant access for paper up to 11" x 14" in size.

Concept Six Automatic Printing

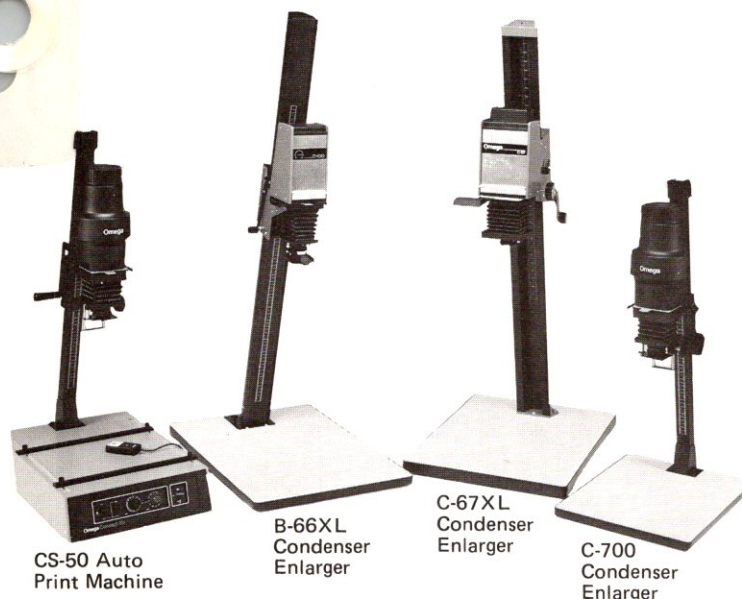
A revolution in darkroom automation and convenience, the Concept Six CS-50 Automatic Print Machine perfectly exposes prints every time. Measured by a precise "spot" silicon blue cell comparator probe, the built-in electronic computer automatically controls the exposure for perfect results, regardless of magnification changes, film density changes, and aperture changes. It also determines negative contrast range for optimum black and white paper grade or polycontrast filter selection.

Modular Lamphouse System

Omega's modular design lets you add an economical Condenser Lamphouse or the advanced Super Chromega C-700 Dichroic Lamphouse.

Condenser Lamphouse

The versatile Condenser Lamphouse allows the photographer to produce quality black and white or color prints. The efficient "teardrop" lamp and double condenser system assure sharp, high contrast prints with shorter exposure times. The convenient built-in filter drawer allows use of variable contrast or color printing filters.



CS-50 Auto Print Machine

B-66XL Condenser Enlarger

C-67XL Condenser Enlarger

C-700 Condenser Enlarger



Super Chromega C-700 Dichroic Lamphouse for use with all Omega Medium Format Enlargers.

Super Chromega C-700 Dichroic Lamphouse

(designed for use with all Omega Medium Format Enlargers)

The C-700 Lamphouse features built-in fade-proof dichroic color control filters. Just dial in the filter combination that's required, and you're on your way. The Quartz Halogen lamp and professional diffused illumination system gives you the sharpest possible color or black and white prints. The state-of-the-art Chromega diffusion system actually suppresses dust and scratches on the film to assure beautiful, full contrast, blemish-free prints that almost never need retouching. Interchangeable mixing chambers allow custom matching of the light output to the negative format for optimum image results. Light attenuators control light output up to -3 EV enabling the use of optimum f/stop and exposure time. This allows greater flexibility in exposure control.

A solid state power supply is built into the lamphouse eliminating the bulk of an additional power supply. The greater filtration range of 0-200cc, larger format capabilities up to 6x7cm and built-in white light control, make the C-700 System versatile and an excellent choice for the serious photographer.

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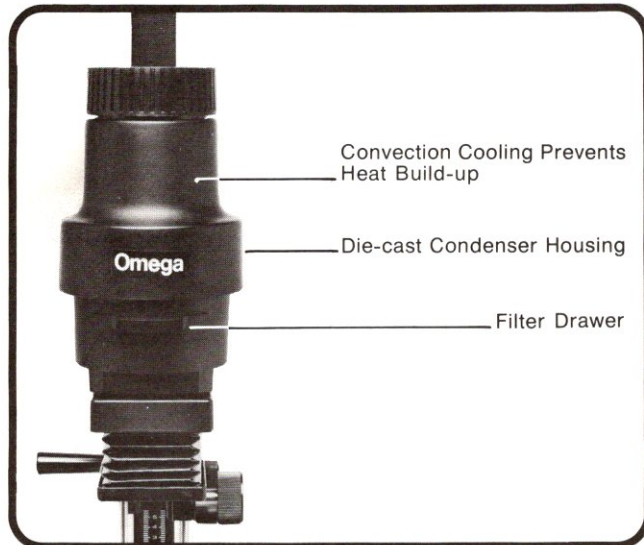
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Condenser Lamphouses

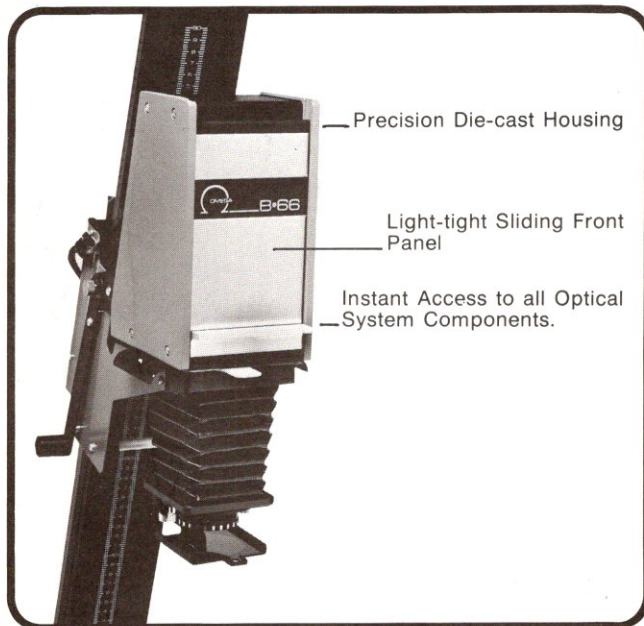
System 700 and Concept Six Condenser Lamphouse

Cat. No. 403-725



System 66 XL Condenser Lamphouse

Cat. No. 402-035



Omega®

medium format enlargers

System 700 and Concept Six Condenser Lamphouse

The Omega condenser lamphouse provides superior print contrast and detail, high light output and short exposure times. Double glass condensers, ground from the finest optical glass and polished to high standards guarantee the highest professional quality prints, in both color and black and white.

Key Features

- Die-cast aluminum optical chamber assures precise optical alignment.
- Clear optical glass condensers give high contrast and optimum illumination for all enlarging lenses 35 to 105mm.
- Special 75 watt "teardrop" lamp with unique shape yields high light output and even illumination.
- Filter drawer accepts variable contrast, color printing and neutral density filters. Hold down tabs secure pack into position. Capacity: 12-75mm (3") square filters.
- Convection cooling prevents heat build-up, film buckling.
- Vented lampcap for safe operating temperatures and long life.
- Red safety filter to facilitate black and white printing.
- Three-wire cord with in-line switch and moulded, grounded plug.
- UL listed for safety.
- Supplied complete with 75 watt "teardrop" lamp and red safety filter.

System 66 XL Condenser Lamphouse

The Omega condenser lamphouse provides for quality printing, contrast, and detail, high light output and short exposure times. Double glass condensers, ground from the finest optical glass and polished to high standards guarantee the highest professional quality in prints in both color and black and white.

Key Features

- Precision optical glass double condenser system provides proper light coverage for all lenses 25-80mm in focal length. Supplementary condenser is available for shorter than 50mm lenses.
- Instant access to optical components with light-tight sliding door. All condensers are mounted in metal frames for easy handling and are positioned by a positive locator design with the lamphouse interior.
- Heat absorbing glass, to protect film and printing filters, is supplied as standard equipment.
- Exclusive Omega "teardrop" lamp provides optimum light distribution, output, and high contrast.
- Slide-in filter drawer accepts 75mm (3") square variable contrast and color printing filters.
- Red safety filter and holder for under the lens use are supplied with the condenser lamphouse.
- UL Listed for safety.
- Supplied complete with 75 watt "teardrop" lamp, red safety filter, filter holder and infrared heat absorbing filter.

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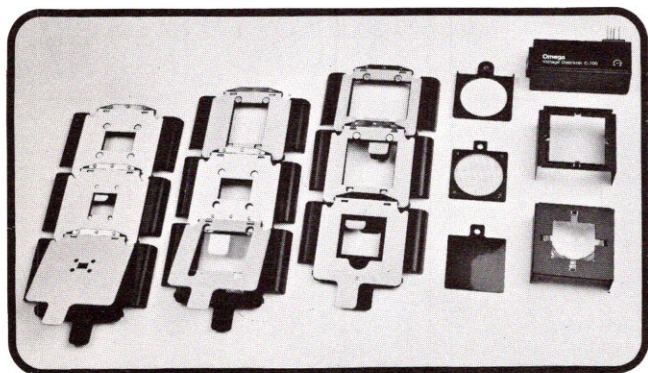
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Omega Accessories for C-700/B-600/ Concept Six and B-66/B-22 Enlargers



Omega Film Carriers

Special spring loaded, rapid-shift design with bright top surface and non-reflective bottom. Stainless steel film guide pins assure easy film advance, location and installation.

Choice of 9 popular formats.

Cat. No.	Format
423-115	Minox
423-122	110
423-118	126
423-117	35mm Full Frame
423-123	Mounted 35mm Transparency
423-126	6 x 4.5cm
423-120	6 x 6cm
423-129	Universal Glass, with Anti-Newton Glass
423-127	6 x 7cm (for C-700 only)

Omega Lens Mounts (for B66-XL only)

Cat. No.	Format
421-005	<i>Blank Twist Lock Mount</i> For use with 40-105mm lenses not otherwise listed. Must be drilled or cut by customer.
421-017	For 50-105mm Omegaron, Rodagon, Omicron-EL, 40mm Eurygon, 50/75mm EL-Omegar, and other Leica Mount Lenses.
421-019	For 50/60/80mm Componon
421-020	<i>Threaded Lens Mount</i> For other Leica-mount lenses
421-006	<i>Recessed Mount</i> For 25/35mm Omegaron, 28/35mm Rodagon
421-007	<i>Recessed Mount</i> For 28mm Componon

Omega C-700 Solid State Voltage Stabilizer

Cat. No. 403-730

Compact solid state design plugs directly into timer and does not require counter space. Assures constant color temperature for consistent color print results at all times. **For use with the Super Chromega C-700 Dichroic Lamphouse only.**

Omega[®] medium format enlargers

Omega Heat Absorbing Glass

Cat. No. 473-121

Supplied in metal frame, provides infrared absorption and heat suppression when using the condenser lamphouse. Recommended for use with filters, and required for best results when color printing.

Omega Portrait Diffusion Grid

Cat. No. 429-015

Wire mesh grid provides "soft" portrait effects when printing.

Omega Under-The-Lens Filter Holder

Cat. No. 429-060

Swing-away holder for use with under-the-lens accessories such as red filter, portrait grid and variable contrast filters.

Omega Copy Camera Attachment

Cat. No. 429-062

For duplicating your own slides and making color or black and white copies. Accepts "T" mount adapters for mounting almost all SLR cameras directly to the enlarger/print machine chassis. Invert the dichroic lamphouse on the base for use as a continuously variable color balance light source.

Omega Lens Kits

Special pre-packed one and two lens and film carrier kits are available with a choice of the finest quality enlarging lenses. Kits consists of the appropriate focal length lens in combination with a film carrier, and include a dust cover. Available in 50mm, 75mm and 50/75mm outfits.

Omega Dichroic Adapter Kit

Cat. No. 429-064

Required to install Chromega B Dichroic lamphouse onto System 600/Concept Six condenser chassis. Complete with mounting hardware (supplied with all B-600 chassis).

Omega Area Integrator For Color Analyzers

Cat. No. 429-158

The Omega Area Integrator is a unique optical device that permits integrated (average) readings with Omega and other color analyzers designed for spot measurement only.

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COMPARISON CHART

Omega[®]
medium format enlargers

Chassis

Features	System 700	Paper Handler	CS-50 Auto Exposure	System 66 XL	System 67 XL
Choice of Condenser or Chromega Dichroic Lamphouse	X	X	X	X	X
High-lift lamphouse control	X	X	X	X	X
Inclined black girder with built-in elevation reference scale	X	X	X	X	X
Counterbalanced elevation control	X	X	X	X	
Rack and pinion elevation control					X
Spring hinged rapid shift film carrier design	X	X	X	X	X
Rotating film carriers					X
Accepts Copy Camera Attachment	X	X	X	X	
Ultra-strong system baseboard		X	X		
Built-in paper positioners for borderless prints to 11" x 14"		X	X		
Built-in paper storage compartment		X			
Built-in Automatic exposure control			X		
Built-in Electronic contrast measurement			X		
Maximum film format	6x7 cm	6x6 cm	6x6 cm	6x6 cm	6x7 cm
Baseboard dimensions	19"x14"x7/8"	21 1/4"x14 1/2"x4"	21 1/4"x14 1/2"x4"	18"x26"x1"	18"x26"x1 1/4"
Magnification range w/50mm lens	0.5-11X	0.5-13X	0.5-13X	0.5-17.7X	0.3-16X
Magnification range w/75mm lens	1X-7X	1X-8X	1X-8X	1X-11.1X	0.6X-9.5X
Magnification range w/90mm lens	1.6-5.3X				0.8X-8X

Condenser Lamphouses

Features	System 700	Paper Handler	CS-50 Auto exposure	System 66 XL	System 67 XL
Lamp wattage	75W	75W	75W	75W	75W
Red safety filter supplied	X	X	X	X	
Heat absorbing glass supplied				X	X
Interchangeable lens mounts				X	X

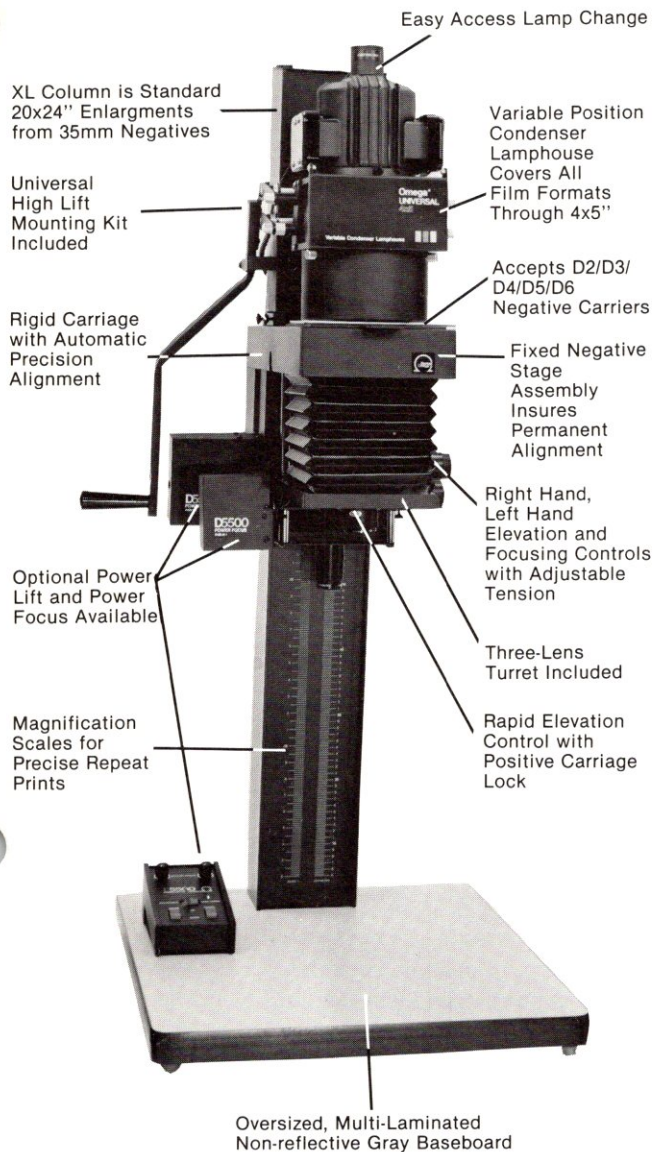
Dichroic Lamphouses

Features	B Dichroic	Super Chromega C-700	Super C
For use with:	B600, B66, B22, Concept Six	B600, B66, B22, C-700, C67, Concept Six	C67
Maximum Film Format	6x6cm	6x7cm	6x7cm
External Power Supply	Standard or Voltage Stabilized	None Required*	Voltage Stabilized
Filtration Range/C,M,Y	0-170cc	0-200cc	0-170cc
Lamp Rating	75W/27V	85W/82V	150W/25V
Built-in IR & UV Filters	X	X	X
Interchangeable Mixing Chambers		Two Supplied with Lamphouse	Optional
White Light Control		X	X
Illumination Attenuation		EV - 1, - 2, - 3	
Mounting Brackets Supplied		For all Chassis, except C67	

*Optional accessory solid state Voltage Stabilizer is available.

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Omega®

Pro Lab II Condenser Enlarger

An unbeatable 4x5" Variable Condenser Enlarger which combines the proven professional performing Omega DV Condenser Lamphouse with the rigid, fast working D5500 Chassis. The enlarger includes Universal High Lift Mounting Kit (which allows the use of D2/D3/D4/D5 and D6 negative carriers), a three-lens turret and rugged 22x29x1½" baseboard.

The Pro Lab II does not obsolete earlier Omega enlargers since most accessories are interchangeable. Massive and rigid in every detail, the enlarger is virtually immune to vibration. And, it is human engineered as no enlarger has ever been to operate smoothly, positively and quickly to increase productivity. The Pro Lab II Variable Condenser Enlarger accepts all film formats from Kodak Disc through 4x5" negatives, and is easily capable of 20x24" enlargements on the baseboard from 35mm negatives. For color printing, the D Dichroic II Lamphouse is available and interchangeable with the DV Condenser Lamphouse and accepts the same D type carriers. Finally, for full automation the advanced fully electronic D5500 Automatic Dichroic Lamphouse System, is available.

Key Features

Chassis

- Specially packaged system includes DV Variable Condenser Lamphouse, Universal High Lift Mounting Kit, Three-Lens Turret, D5500 Chassis and baseboard.
- 1½" thick, high density, non-reflective gray baseboard, laminated on both sides to prevent warping.
- Custom extruded integrated dual I-beam girder mounted to baseboard with steel stabilizing plate and four hardened steel bolts for the ultimate in rigidity and vibration-free operation.
- Column inclined at 7° angle, which is ideal for maximum baseboard area utilization and allows the operator to easily reach controls even at high magnifications. Carriage glides with fingertip ease on self-adjusting rollers controlled by constant force negator springs. Remains firmly in place at any position along the column and is held in automatic, constant alignment.
- Right hand and left hand elevation controls for micrometer precise adjustments.
- Instant, one-handed coarse elevation control with positive locking mechanism.
- Self-adjusting carriage provides automatic wear compensation for automatic alignment at all times.
- Negative stage adapter included with Universal High Lift Mounting Kit enables use of all the popular D type negative carriers. No obsolescence here.
- Adjustable twin friction drive focusing controls for both right and left-handed operation with dual tension adjustment.
- Three-lens turret included. Unique design allows easy direct mounting of most 39mm (Leica Thread) lenses. Lens mounts have spring-loaded detents so that the f/stop indicator scale is always positioned forward.
- Optional accessories for wall mounting, power focus and elevation. Also accepts many accessories used with previous Omega "D" Series enlargers.

Omega[®]

Pro Lab II Condenser Enlarger

Key Features

Lamphouse

- Precision-ground and polished optical glass variable triple condenser system. Allows condensers to exactly match focal length of enlarging lenses to provide maximum, even light coverage for all film formats. Eliminates the expense and the bother of different condenser sets for each focal length lens.
- Accepts 5" square filters for variable contrast, color printing and special effects printing.
- Instant access light-tight front panel swings open to allow instant adjustment of variable condenser or insertion of filters.
- Easy lamp access for quick changing.

Optional accessories include:

Power Focus Module (Cat. No. 429-911)
Power Lift Module (Cat. No. 429-910)
Power Focus/Lift Controller (Cat. No. 429-912)
Enlarging Table (Cat. No. 429-905)
Enlarging Table (Cat. No. 429-906)
DV Filter Drawer (Cat. No. 429-052)
Heat Absorbing Glass (Cat. No. 473-103)
Extra-bright PH-212 Lamp 150W/120VAC
(Cat. No. 471-002)
Exhaust Cooling Blower Assembly for use
with PH-212 Lamps (Cat. No. 412-020)

Technical Specifications

Film Format Range Kodak Disc to 4x5" with
instant change negative carrier system.
Baseboard Dimensions 22x29x1 1/2"
Maximum Height 60 1/4"
On Baseboard Magnifications Ranges:

Film Format	Recommended Focal Length Lens	Approximate Magnifications ¹	
		Min.	Max.
Minox	25mm	*12.2X	46.0X
Disc and 110	28mm	*10.6X	42.0X
35mm Half Frame	35mm	*7.7X	31.0X
35mm Full Frame	50mm	*5.0X	22.0X
	60mm	*3.5X	17.5X
	63mm	*3.7X	15.3X
2 1/4 x 2 1/4"	75mm	*2.5X	15.0X
(6x6cm)	80mm	*2.0X	12.8X
2 1/4 x 2 3/4"	90mm	*.8X	12.0X
(6x6cm)	105mm	.55X	9.3X
4x5" (9x12cm)	135mm	.7X	6.6X
	150mm	1.0X	6.0X

¹All magnifications are based on using 1" high easel.

Magnifications will vary slightly due to lens designs.

Magnifications larger than those indicated are available through wall mounting the enlarger or use of Omega Enlarging Tables.

*Smaller reductions possible with bellows fully extended and easel raised off the baseboard. Focus using elevation controls.

Power 120VAC, 50/60 Hz

Lamp 211 Type 75W/120VAC, 50/60 Hz
(Cat. No. 471-002)

212 Type 150W/120VAC, 50/60 Hz
(Cat. No. 471-003)

Packaging Specifications

Pro Lab II Enlarger consists of Chassis, Lamphouse, Universal High Lift Mounting Kit, and Three-Lens Turret packaged in one carton. The baseboard is supplied in a separate carton.

Main shipping carton consists of:

Variable Condenser Lamphouse

supplied with:

- (1) 75W/120V Type 211 Lamp (Cat. No. 471-002)
- (2) Standard 6 1/2" Condensers
- (1) Variable 4 11/16" Mounted Condenser

Enlarger Chassis

supplied with:

- (1) Single Lens Mount (Cat. No. 421-900)
- (4) Mounting Bolts with Flat Washers
- (1) Mounting Plate
- (4) Cable Retaining Clips
- (2) Wrenches

Three-Lens Turret

Universal High Lift Mounting Kit

Shipping Dimensions 54x20x25"
(1350x500x625mm)

Shipping Weight 103 lbs. (46.8kg)

Baseboard in separate carton

supplied with:

- (4) Rubber Feet

Shipping Dimensions 30 1/2 x 23 x 3"
(762x515x75mm)

Shipping Weight 30 lbs. (13.5kg)

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Cat. No. 407-900 D5500 Chassis
 Cat. No. 407-912 D5500 Baseboard
 Cat. No. 407-905 D5500 Variable Condenser
 Lamphouse

Omega[®]

D5500 Variable Condenser Enlarger System

Easily the most significant advance in enlarger design in recent decades, the Omega D5500 is new from the baseboard up. Yet, it does not obsolete earlier Omega enlargers for many accessories are interchangeable. Massive and rigid in every detail, the enlarger is virtually immune to vibration. And, it is human engineered as no enlarger has ever been to operate smoothly, positively, quickly and to increase productivity. The D5500 Variable Condenser Enlarger accepts all film formats from Kodak Disc through 4x5" negatives, and is easily capable of 20x24" enlargements on the baseboard, from 35mm negatives. An automatic Dichroic Lamphouse is also available, and is easily interchangeable with the Variable Condenser Lamphouse.

Key Features

- One model design helps keep prices very competitive. Every D5500 is a truly "XL" model, and a simple step-down transformer is all that is needed for use with 220 volt operation.
- 1½" thick, high density, non-reflective gray baseboard, laminated on both sides to prevent warping.
- Custom extruded integrated dual I-beam girder mounted to baseboard with steel stabilizing plate and four hardened steel bolts for the ultimate in rigidity and vibration-free operation.
- Column inclined at 7° angle, which is ideal for maximum baseboard area utilization and allows the operator to easily reach controls even at high magnifications. Carriage glides with fingertip ease on self-adjusting rollers, controlled by constant force negator springs. Remains firmly in place at any position along the column and is held in automatic, constant alignment.
- Right hand and left hand elevation controls for micrometer precise adjustments.
- Instant, one-handed coarse elevation control with positive locking mechanism.
- Self-adjusting carriage provides automatic wear compensation for automatic alignment at all times.
- Superb negative carrier cassette design allows a fixed lamphouse/negative stage assembly, which assures continuous precision alignment, yet allows negative carriers to rotate 180°. Light-tight instant change negative carrier holders accept magnetically held, interchangeable, glassless format mask sets, saving time and money. Adjustable undercut film locating pins hold film securely in place or turn out of the way to permit rapid negative insertion. Rapid Shift, glass and other specialized negative carriers also available including Film Strip carriers for 35mm, 6x6 and 6x7, as well as mounted transparencies.
- Adjustable twin friction drive focusing controls for both right and left-handed operation with dual tension adjustment.
- Accepts either a single lens holder or patented three-lens turret.
- Unique turret design allows easy direct mounting of most 39mm (Leica Thread) lenses. Lens mounts have spring-loaded detents so that the f/stop indicator scale is always positioned forward.
- Optional accessories for wall mounting, power focus and elevation. Also accepts many accessories used with previous Omega "D" Series enlargers.

XL Column is Standard
20"x24" Enlargements
from 35mm Negatives

Easy Access Lamp Change

Rigid Carriage
with Automatic
Precision
Alignment

Variable Position
Condenser
Lamphouse
Covers All
Film Formats
Through 4"x5"

Right Hand,
Left Hand
Focusing
Controls with
Adjustable
Tension

Fixed Lamphouse
Negative Stage
Assembly Insures
Permanent
Alignment

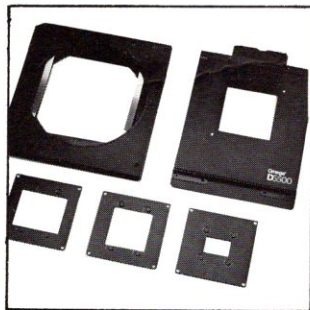
Choice of Single Lens Mount
or Three-Lens Turret

Right Hand,
Left Hand
Elevation
Controls

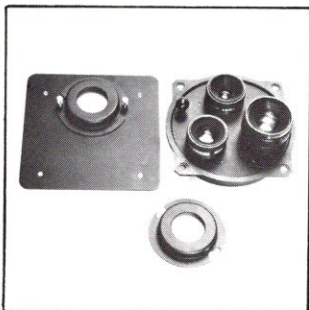
Rapid Elevation Control
with Positive Carriage Lock

Magnification Scales
for Precise Repeat Prints

Oversized, Multi-Laminated
Non-reflective Gray Baseboard



Instant change negative carrier holders accept magnetically held, interchangeable, glassless format masks to save time and money.



Lenses from 25mm to 150mm can be mounted on a single quick change lens holder or a patented three-lens turret can be used.

Omega®

D5500 Variable Condenser Enlarger System

Key Features

Lamphouse

- Precision-ground and polished optical glass variable triple condenser system. Allows condensers to exactly match focal length of enlarging lenses to provide maximum, even light coverage for all film formats. Eliminates the expense and the bother of different condenser sets for each focal length lens.
- Accepts 5" square filters for variable contrast, color printing and special effects printing.
- Instant access light-tight front panel swings open to allow instant adjustment of variable condenser or insertion of filters.
- Easy lamp access for quick changing.

Optional accessories include:

DV Filter Drawer (Cat. No. 429-052)
Heat Absorbing Glass (Cat. No. 473-103)
Extra-bright PH-212 Lamp 150W/120VAC
(Cat. No. 471-002)
Exhaust Cooling Blower Assembly for use
with PH-212 Lamps (Cat. No. 412-020)

Technical Specifications

Film Format Range Kodak Disc to 4x5" with
instant change negative carrier system.

Baseboard Dimensions 22x29x1½"

Maximum Height 60¼"

On Baseboard Magnifications Ranges:

Film Format	Recommended Focal Length Lens	Approximate Magnifications¹	
		Min.	Max.
Minox	25mm	*12.2X	46.0X
Disc and 110	28mm	*10.6X	42.0X
35mm Half Frame	35mm	* 7.7X	31.0X
35mm Full Frame	** 40mm WA	* 6.8X	27.5X
	50mm	* 5.0X	22.0X
	60mm	* 3.5X	17.5X
2¼x2¼" (6x6cm)	63mm	* 3.7X	15.3X
	** 60mm WA	* 3.5X	17.8X
	75mm	* 2.5X	15.0X
2¼x2¾" (6x7cm)	80mm	* 2.0X	12.8X
	** 80mm WA	* .4X	12.6X
	90mm	* .8X	12.0X
4x5" (9x12cm)	105mm	.55X	9.3X
	**120mm WA	.56X	9.3X
	135mm	.7X	6.6X
	150mm	1.0X	6.0X

¹All magnifications are based on using 1" high easel.

Magnifications will vary slightly due to lens designs.

Magnifications larger than those indicated are available through wall mounting the enlarger or use of Omega floor stand. Optional Power Focus and Power Lift accessories (Cat. No. 429-910 and Cat. No. 429-911) are recommended.

**WA - (Wide-Angle) lenses for use only with Auto CLS Dichroic Lamphouse (Cat. No. 407-904).

*Smaller reductions possible with bellows fully extended and easel raised off the baseboard. Focus using elevation controls.

Power 120VAC, 50/60 Hz

Lamp 211 Type 75W/120VAC, 50/60 Hz
(Cat. No. 471-002)

212 Type 150W/120VAC, 50/60 Hz
(Cat. No. 471-003)

Enlarger consists of separate Chassis, Lamphouse
and Baseboard and is packaged in the following
component boxes:

Variable Condenser Lamphouse (Cat. No. 407-905)

supplied with:

(1) 75W/120V Type 211 Lamp (Cat. No. 471-002)

(2) Standard 6½" Condensers

(1) Variable 4⅞" Mounted Condenser

Shipping Dimensions 18½x18½x12"
(46x46x30cm)

Shipping Weight 26 lbs. (12kg)

Enlarger Chassis (Cat. No. 407-900)

supplied with:

(1) Negative Carrier Cassette

(1) Single Lens Mount (Cat. No. 421-900)

(4) Mounting Bolts with Flat Washers

(1) Mounting Plate

(4) Cable Retaining Clips

(2) Wrenches

Shipping Dimensions 54x20x25"
(1350x500x625mm)

Shipping Weight 73 lbs. (32.8kg)

Baseboard (Cat. No. 407-912)

supplied with:

(4) Rubber Feet

Shipping Dimensions 30½x23x3"
(762x515x75mm)

Shipping Weight 30 lbs. (13.5kg)

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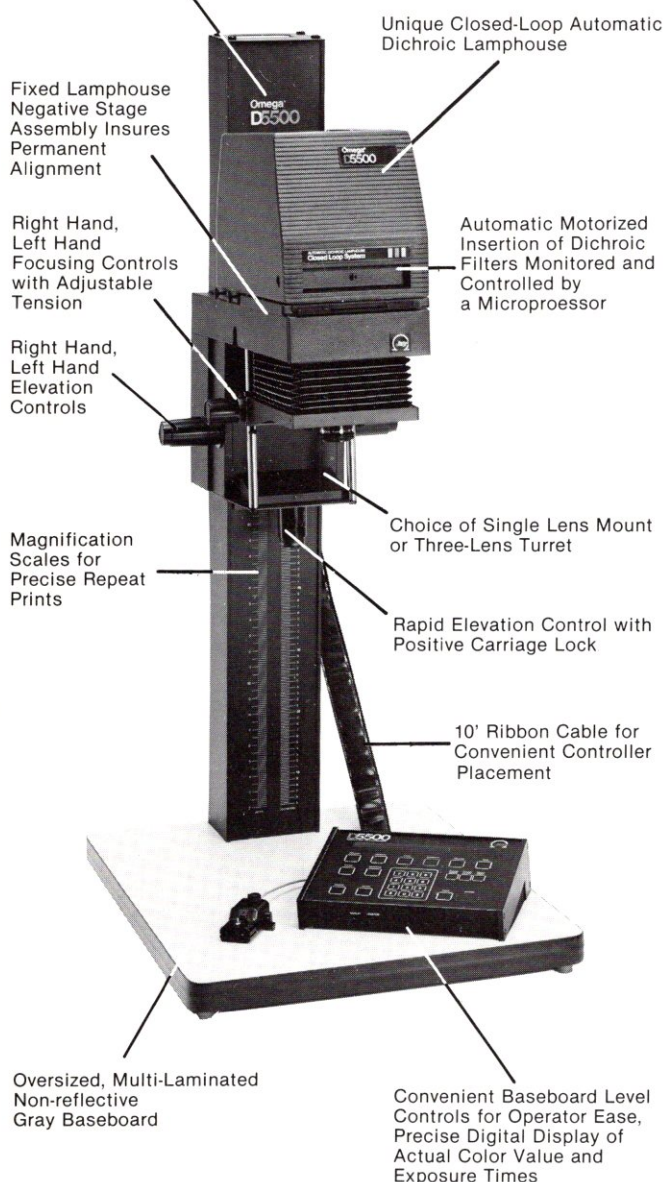


Cat. No. 407-900 D5500 Chassis
 Cat. No. 407-912 D5500 Baseboard
 Cat. No. 407-904 D5500 Auto CLS Dichroic
 Lamphouse
 Cat. No. 407-921 D5500 Auto CLS Controller
 Model II
 Cat. No. 407-910 D5500 Auto CLS Translator/
 Controller

Omega®

D5500 Automatic Dichroic Enlarger System

XL Column is Standard
 20"x24" enlargements
 from 35mm Negatives



Today's and tomorrow's ultimate color enlarger. The D5500 Dichroic Enlarger is the culmination of Omega's 45 years of experience in enlarger design and manufacturing. It begins with the all new D5500 chassis, topped with the incredible Automatic Dichroic Lamphouse, linked with your choice of two Auto Closed Loop System (CLS) Controllers. The result is a color enlarging system which is automated, consistent and productive beyond anything which could have been conceived a few years ago. Suddenly, every color printing variable is no longer a variable: each is under the control of an all-seeing microprocessor, guided by you, with a space age, membrane-switch console at your fingertips.

Key Features

- One model design helps keep prices very competitive. Every D5500 is a truly "XL" model, and a simple step-down transformer is all that is needed for use with 220 volt operation.
- 1½" thick, high density, non-reflective gray baseboard, laminated on both sides to prevent warping.
- Custom extruded integrated dual I-beam girder mounted to baseboard with steel stabilizing plate and four hardened steel bolts for the ultimate in rigidity and vibration-free operation.
- Column inclined at 7° angle, which is ideal for maximum baseboard area utilization and allows the operator to easily reach controls even at high magnifications. Carriage glides with fingertip ease on self-adjusting rollers, controlled by constant force negator springs. Remains firmly in place at any position along the column and is held in automatic, constant alignment.
- Right hand and left hand elevation controls for micrometer precise adjustments.
- Instant, one-handed coarse elevation control with positive locking mechanism.
- Self-adjusting carriage provides automatic wear compensation for automatic alignment at all times.
- Superb negative carrier cassette design allows a fixed lamphouse/negative stage assembly, which assures continuous precision alignment, yet allows negative carriers to rotate 180°. Light-tight instant change negative carrier holders accept magnetically held, interchangeable, glassless format mask sets, saving time and money. Adjustable undercut film locating pins hold film securely in place or turn out of the way to permit rapid negative insertion. Rapid Shift, glass and other specialized negative carriers also available including Film Strip carriers for 35mm, 6x6 and 6x7, as well as mounted transparencies.
- Adjustable twin friction drive focusing controls for both right and left handed operation with dual tension adjustment.
- Accepts either a single lens holder or a patented three-lens turret.
- Unique turret design allows easy direct mounting of most 39mm (Leica Thread) lenses. Lens mounts have spring loaded detents so that the f/stop indicator scale is always positioned forward.
- Optional accessories for wall mounting, power focus and elevation. Also accepts many accessories used with previous Omega "D" Series enlargers.



Auto CLS Translator/Controller



Auto CLS Controller Model II

Linked with the Omega Automatic Dichroic Lamphouse either Controller forms a "Closed Loop System" to monitor and control every phase of color print exposure through advanced microprocessor technology.

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D5500 Automatic Dichroic Enlarger System

Lamphouse

- Complete printing versatility with all variables automatically microprocessor monitored and controlled.
- Color constantly monitored by light-sensing silicon blue photo detectors.
- Power supply, constant voltage stabilizer and digital electronic timer are all built in – no baseboard clutter or extra purchases to make.
- Innovative, interchangeable high efficiency mixing chambers maximize light output for all negatives from Disc through 4x5", while maintaining even color mix. Exclusive Omega tapered diffuser assures even light distribution center to edge and corner-to-corner.
- Built-in IR and UV filtration for maximum color fidelity and repeatability. Additional separate IR filters protect color sensor filters and photo detectors.
- Quiet, highly efficient, vibration-free fan exhausts air away from the operator.
- With adapter fits other Omega "D" Series enlargers as well as many other 4x5 enlargers.

Controllers

- Press-button, motor-controlled dichroic filtration (cyan, magenta, yellow) automatically inserted and continually monitored and maintained by microprocessor (up to 199cc in each color).
- All filtration, density and exposure information is displayed on large easy-to-read LEDs and is controlled from the convenient rear-illuminated console.
- White light control with unique lamp saving circuitry. Electronic paper saver prevents accidental exposure of paper when in the white light position.
- Dual range electronic timer built-in, 0.1 to 99.9 second and 100 to 999 second ranges, with "hold" and "cancel" as well as "auto-repeat" functions.
- Dual control footswitch outlet for remote control of exposure and focus functions.
- Filter values can be directly entered or advanced 1cc at a time, maximizing operational speed whether utilizing a Video Color Negative Analyzer (VCNA) or an on-easel color analyzer.
- As each input button is touched an audible tone indicates unit has accepted information or function entry.
- Separate brightness controls for LED digital display and for panel illumination.
- Computer-type 25 pin connector for interfacing with other automated printing devices as well as information storage media . . . assures years of non-obsolescence.

Automatic CLS Translator/Controller model only:

- Automatically interfaces with a VCNA. Includes plug-in density probe and has an additional LED digital read-out of density and translator memory.

Technical Specifications

Film Format Range Kodak Disc to 4x5" with instant change negative carrier system.

Baseboard Dimensions 22x29x1½"

Maximum Height 60¼"

On Baseboard Magnifications Ranges:

Film Format	Recommended Focal Length Lens	Approximate Magnifications¹	
		Min.	Max.
Minox	25mm	*12.2X	46.0X
Disc and 110	28mm	*10.6X	42.0X
35mm Half Frame	35mm	* 7.7X	31.0X
35mm Full Frame	** 40mm WA	* 6.8X	27.5X
	50mm	* 5.0X	22.0X
	60mm	* 3.5X	17.5X
2¼x2¼" (6x6cm)	63mm	* 3.7X	15.3X
	** 60mm WA	* 3.5X	17.8X
	75mm	* 2.5X	15.0X
2¼x2¾" (6x7cm)	80mm	* 2.0X	12.8X
	** 80mm WA	* .4X	12.6X
	90mm	* .8X	12.0X
4x5" (9x12cm)	105mm	.55X	9.3X
	**120mm WA	.56X	9.3X
	135mm	.7X	6.6X
	150mm	1.0X	6.0X

¹All magnifications are based on using 1" high easel. Magnifications will vary slightly due to lens designs. Magnifications larger than those indicated are available through wall mounting the enlarger or use of Omega floor stand. Optional Power Focus and Power Lift accessories (Cat. No. 429-910 and Cat. No. 429-911) are recommended.

**WA - (Wide-Angle) lenses for use only with Auto CLS Dichroic Lamphouse (Cat. No. 407-904).

³Smaller reductions possible with bellows fully extended and easel raised off the baseboard. Focus using elevation controls.

Power 120VAC, 50/60 Hz 3A. Built-in voltage stabilizer (minimum 95VAC, maximum 130VAC).

When used in areas where line voltage drops below 95VAC or exceeds 130VAC a separate step-up or step-down transformer is required.

Lamp Quartz Halogen Lamp with integral Dichroic Reflector. 200W, 82V, Cat. No. 471-900.

Dichroic Filtration Range Up to 199cc Cyan, Magenta and Yellow. Fade-free, dichroic, motorized, console-controlled. Cross-talk and density corrected.

Enlarger consists of separate Chassis, Baseboard, Lamphouse, and Controller and is packaged in the following component boxes:

Auto CLS Dichroic Lamphouse (Cat. No. 407-904) supplied with:

- (1) 200W/82V Quartz Halogen Lamp (Cat. No. 471-900)
- (1) 5"x5" Light Multiplier (Cat. No. 407-901)
- (1) Power Line Cord (7½')

Enlarger Chassis (Cat. No. 407-900)

supplied with:

- (1) Negative Carrier Cassette
- (1) Single Lens Mount (Cat. No. 421-900)
- (4) Mounting Bolts with Flat Washers
- (1) Mounting Plate
- (4) Cable Retaining Clips
- (2) Wrenches

Shipping Dimensions 54x20x25" (1350x500x625mm)

Shipping Weight 73 lbs. (32.8kg)

Baseboard (Cat. No. 407-912)

supplied with:

- (4) Rubber Feet

Shipping Dimensions 30½x23x3" (762x515x75mm)

Shipping Weight 30 lbs. (13.5kg)

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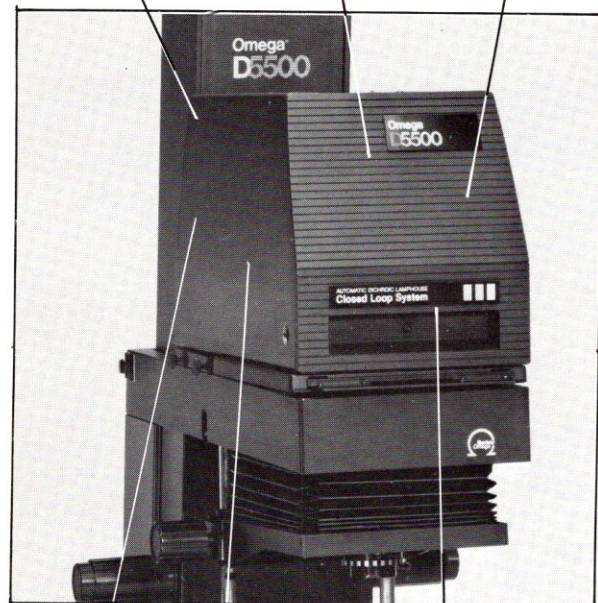
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Built-in Solid State,
Power Supply and
Voltage Stabilizer

Automatic Motorized Insertion of
Dichroic Filters Monitored and
Controlled by a Microprocessor

Unique Closed-Loop Automatic
Dichroic Lamphouse



Built-in Quiet, Vibration-Free
Cooling Fan

Infra-red and Ultra-violet
Filtration Built-in

Light Sensing Silicon Blue
Photo Detectors
Constantly Monitor and
Automatically Maintain Color

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D5500 Auto CLS Dichroic Lamphouse

A dramatically innovative concept in dichroic colorhead technology, the Omega D5500 Auto CLS Lamphouse is one-half of a unique "Closed Loop System". Combined with either of the two Auto CLS Controllers, it forms an electronically closed loop which continuously monitors and controls all functions of the lamphouse under the supervision of a powerful microcomputer. All undersirable color printing variables are, for the first time, automatically controlled assuring absolute color accuracy and repeatability from print-to-print, from day-to-day, and from enlarger-to-enlarger. Even the traditional, cumbersome filter knobs and dials have been eliminated . . . replaced by convenient baseboard-level push-button switches and easy-to-read LED digital displays of color, density and exposure time on the handy operator's console. Should a variation in desired color occur within the lamphouse for any reason, the change is instantly detected, by a unique sensor system and instantly, and automatically, corrected by the microprocessor. In addition to the D5500 Chassis, the lamphouse also fits other Omega "D" Series enlargers, and adapters are available for other 4x5" enlargers.

Key Features

- Yellow, Magenta, Cyan dichroic filters are automatically inserted to the desired filtration level and maintained in that position by special precision motors under the control of the microprocessor. Possible filter "cross talk" is completely and automatically eliminated while a constant density is maintained.
- All filtration and exposure information is displayed and controlled from the operator level console. Automatically senses and corrects any color variation even when a lamp ages or is replaced.
- Complete consistency and repeatability print-to-print, even enlarger-to-enlarger, and even years later!
- New, specially designed, high efficiency quartz halogen lamp with integral dichroic reflector created especially for the D5500 with electronically reduced voltage, in focus mode, permits greatly extended lamplight.
- Lamp has new flat pin connectors which are contacted on both sides to eliminate any possible arcing and pitting. A quick-change socket is included for fast, easy lamp replacement.
- Microprocessor-controlled, solid state power supply and constant voltage stabilizer are built in. No baseboard clutter or wires to hide. Built-in dual range solid state digital timer.
- High efficiency, vibration-free fan pulls cool air in from the front, across the electronics, around the mixing chamber and over the enlarging lamp. Warm air is then exhausted from the rear of the colorhead away from the operator. Built-in IR and UV filtration for maximum color fidelity and repeatability. Separate IR filters in the mixing chamber sensing probe provide additional assurances of continued drift-free color integrity.



Auto CLS Translator/Controller



Auto CLS Controller Model II

Linked with the Omega Automatic Dichroic Lamphouse either Controller forms a "Closed Loop System" to monitor and control every phase of color print exposure through advanced microprocessor technology.

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D5500 Auto CLS Dichroic Lamphouse

Key Features

(Continued)

- Innovatively designed interchangeable 5x5", 6x7cm and 35mm mixing chambers provide maximum light output for all film formats. 35mm chamber delivers two full stops more light to the negative than the standard 5x5" chamber. The 6x7cm chamber light increase is one full stop. This tremendous intensity easily makes the D5500 colorhead the brightest colorhead of its type in the world. Special Blue Silicon photo diodes constantly monitor the color balance of light within the mixing chamber and, under control of the microprocessor, maintain precise color accuracy and repeatability.
- Exclusive Omega tapered diffuser assures even light distribution from center to edge and from corner-to-corner of the projected image.
- Lamphouse can be used in any orientation position – the dial light source for slide duplicators, animation stands and other multi-imaging A.V. production demands. Due to its incredible brightness and unparalleled automation, the D5500 colorhead is an ideal light source for automated color printers and specialized mini-lab applications.
- Fits D5500 and Omega "D" Series Enlarger Chassis. Adapter kits will also be available for Beseler and Durst enlargers.

Auto CLS Dichroic Lamphouse

supplied with:

- (1) 200W/82V Quartz Halogen Lamp (Cat. No. 471-900)
- (1) 5x5" Light Multiplier with Color Probe (Cat. No. 407-926)
- (1) Power Line Cord (7½')

Optional accessories included:

- D5500 35mm Light Multiplier with Color Probe (Cat. No. 407-928)
- D5500 6x7 Light Multiplier with Color Probe (Cat. No. 407-927)
- Adapter Kit for Omega D6, D5 and D5 Universal Enlargers (Cat. No. 407-920)

Technical Specifications

Film Format Range Kodak Disc to 4x5" with instant change negative carrier system.

Dichroic Filtration Range Up to 199cc Cyan, Magenta, Yellow. Fade-free dichroic. Motorized console-controlled. Cross-talk and density corrected.

Power . . 120VAC, 50/60 Hz 3A. Built-in voltage stabilizer (minimum 95VAC, maximum 130VAC). When used in areas where line voltage drops below 95VAC or exceeds 130VAC, a separate step-up or step-down transformer is required.

Lamp Quartz Halogen Lamp with Integral Dichroic Reflector, 200W/82V (Cat. No. 471-900)

Dimensions 15 5/8 x 8 1/8 x 9 1/4" (391x203x231mm)

Weight 14 lbs. 2 oz. (6.4kg)

Shipping Dimensions 19 1/2 x 12 1/2 x 14 1/2" (487x312x362mm)

Shipping Weight 20 lbs. 2 oz. (9.09kg)

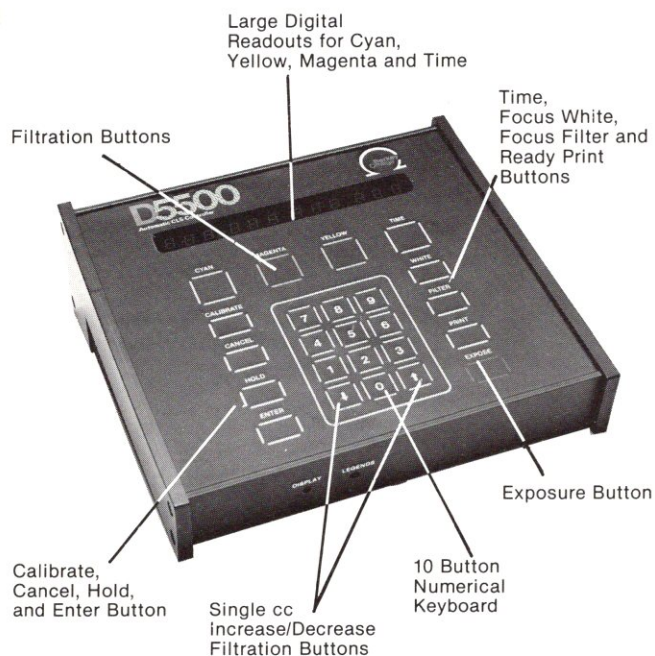
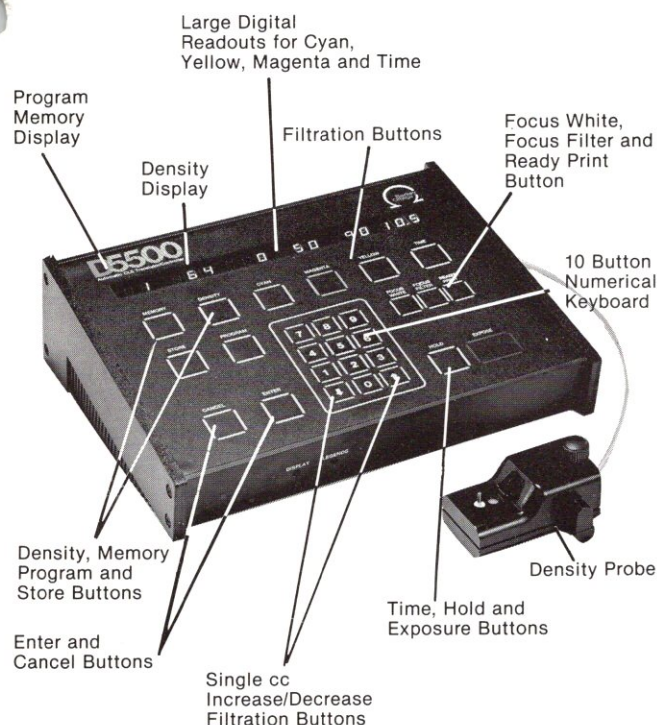
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Auto CLS Translator/Controller Auto CLS Controller Model II

Linked with the Omega Automatic Dichroic Lamphouse, either of these controllers forms a "Closed Loop System" which monitors and controls every phase of color print exposure, using advanced microprocessor technology. The two units have the same functions, except that the Translator/Controller has a density probe and interfaces with a Video Color Negative Analyzer (VCNA). Both controllers also provide instant interfacing with any on-easel color analyzer providing the only automatic colorhead analyzer combination available. Readouts for all functions, including the color filtration settings and exposure time with a built-in electronic timer, are on the controller. All settings are made by a simple touch of space age, custom designed membrane switches on a rear-illuminated control console. These controllers eliminate the many knobs, dials and lights which clutter other colorheads, replacing them with a functional, easy-to-use and easy-to-read operator-level console.

Key Features

- Centralized baseboard-level control for all functions. Eliminates the need for knobs and dials on the head, and for separate timer, power supply, and stabilizer. This also eliminates the constant vibration caused by the manual adjustments required with all other ordinary color lamphouses.
- Handsome, functional, easy-to-operate control console, with a powerful microprocessor.
- Computer-controlled pre-programmed logic automatically illuminates each switch on the Translator/Controller model when operator is required to enter any information. This makes for fast, simple, foolproof operation, even by minimally trained personnel.
- Audio tone indicates computer has received input when switches are activated.
- Big digital displays show filtration settings and the exposure time (and Density and Program Mode on Translator model only).
- Intensity of overall panel illumination and digital display is separately adjustable to match restriction of sensitized materials, or operator preference.
- Integral digital electronic timer with dual range of 0.1 to 99.9 seconds and 100 to 999 seconds.
- Translator model includes density probe which allows for the automatic determination and setting of exposure time by calculating variation in baseboard illumination.
- Dual remote (footswitch) input provided for controlling both focus and print operations. (Can also be controlled by a roll easel.)
- Auto CLS Translator/Controller provides direct interface with any VCNA. Eliminates need for separate expensive color translator.
- 25-pin computer-type connector on Auto CLS Translator/Controller and Auto CLS Controller Model II for interfacing with devices such as external memory storage, information entry via magnetic card or paper tape and various on-easel densitometric devices.
- Single printed circuit board with plug-in components for easy service, updating and non-obsolence.
- Built-in automatic diagnostic features:
 - Automatic line frequency determination is Computer-Controlled to maintain timing accuracy – panel displays "EEE" warning erratic line frequency.
 - Temperature sensor provides automatic high temperature cut-off – panel displays "No Fan" warning.
 - Density probe calculates baseboard illumination – panel displays "Hi" and "Lo" warnings when working with too small or too large lens apertures.

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Auto CLS Translator/Controller
Auto CLS Controller Model II

Technical Specifications



AUTO CLS CONTROLLER MODEL II

LED Digital Readout Displays Adjustable intensity digital display. 3 digits each for *Cyan, Magenta, Yellow* and *Time*.

Switch Panel 24-rear illuminated membrane switches with brightness control — 4 display selection switches: *Cyan, Magenta, Yellow, Time*.
3 mode switches: *White, Filter, Print*.
Hold switch to place system in "hold" condition.
0 to 9 data entry numerical switches. *Up* and *Down* increase/decrease single "cc" change switches.
Enter switch to enter displayed values into system.
Expose and *Cancel* switches to turn enlarger lamp on and off. *Cancel* automatically resets system to previous exposure time.
Calibrate switch to adjust LED readouts.

Filtration Range Up to 199cc

Exposure Time Range 0.1 sec. to 99.9 sec. in $\frac{1}{10}$ sec. increments
100 sec. to 999 sec. in 1 sec. increments

Calibration Memory Built-in

Automatic Neutral-Density Control Range 0 to 99cc (with a maximum value of filtration plus neutral density of 161)

Dimensions (LxWxH) $9\frac{3}{4} \times 9 \times 3\frac{1}{2}$ "
(24.8x22.9x8.9cm)

Weight 2 lbs. 8 oz.

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Technical Specifications



AUTO CLS TRANSLATOR/CONTROLLER

LED Digital Readout Displays Adjustable intensity digital display. 2 *Memory* digits. 3 *Density* digits. 3 digits each for *Cyan, Magenta, Yellow*. 3 *Time* digits.

Switch Panel 27 rear-illuminated membrane switches with brightness control — 6 display selection switches: *Memory, Density, Cyan, Magenta, Yellow, Time*.
3 mode switches: *White, Filter, Print*. *Hold* switch to place system in "hold" condition, *Program* switch to prepare and enter new programs. 0 to 9 data entry numerical switches.
Up and *Down* increase/decrease single "cc" change switches.
Enter switch to enter displayed values into system.
Store switch to start new program or clear memory.
Expose and *Cancel* switches to turn enlarger lamp on and off. *Cancel* automatically resets system to previous exposure time.

Automatic Diagnostic Messages "No Fan" temperature warning sensor. "EEE" indicates line frequency problem.
"ADJ" indicates signal from mixing chamber too great.
"HI" indicates light seen by density probe is excessive for program and density value used.
"LO" indicates inadequate light.

Density Range Up to 199 units

Filtration Range Up to 199cc

Exposure Time Range 0.1 sec. to 99.9 sec. in $\frac{1}{10}$ sec. increments.
100 sec. to 999 sec. in 1 sec. increments.

Exposure Value Probe Silicon Blue cell photo detector. No cosine correction required.

Probe Cable Removable, flexible 8' cable

Warm-Up Time Instantaneous

Process Control

Deviation Program Range ± 19 cc maximum

Number of Program Memories 19

Dimensions (LxWxH) $11\frac{3}{4} \times 9 \times 3\frac{1}{2}$ "
(29.8x22.9x8.9cm)

Weight 3 lbs. 11 oz. (1.7kg)

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D5500 Power Lift/ Focus Controller

The Omega D5500 Power Lift/Focus Controller is required to operate either or both the Power Lift Module (Cat. No. 429-910) and Power Focus Module (Cat. No. 429-911).

Using this controller with both the Power Lift and Power Focus Modules simplifies the operations of elevation and focusing controls on the enlarger by eliminating the need to reach for these controls and adds the convenience of being close to the paper plane in a sitting position.

Key Features

- Compact design, human engineered for functional use in the dark.
- Oversized switches and controls easy to locate in the dark.
- Three modes of speed controls (fast, slow or variable).
- Non-skid base to prevent movement on a flat surface.
- Can be hand-held or joined together with other table top devices to form a remote control center.
- Built-in accessory port for future add-on devices such as a computer interface or an autofocus control.

Technical Specifications

Electrical Requirements 117VAC, 50/60 Hz

Power Consumption 45W

Dimensions (LxWxH) 9x4 1/2 x3 1/2 "
(22.5x11.3x8.75cm)

Shipping Weight 4 lbs. (18.45kg)



Adjustable/Off/
High Speed
Paddle Switch

Up/Down
Power Focus/Lift



Accessory Outlet
(Rear of Controller)

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D5500 Power Lift/ Focus Modules

Elevation controls are quite often out of reach with the wall mounted enlargers where floor projection prints are required. The motorized Power Lift and Power Focus Modules, when connected to the remote Power Lift/Focus Controller, allows the operator to critically size and focus a negative at the paper plane.

Key Features

- Vibration-free motor drive.
- Can be installed easily with minimum effort.
- Built-in step clutch mechanism to allow for manual override of the motorized controls.
- Smooth, precise and positive motor action.
- Eliminates stretching, standing or wasted movements.
- Particularly useful at high magnifications where elevation and focus control knobs are out of reach.
- Simplifies focusing and cropping the projected image if enlarger is wall mounted.
- Allows for precise focusing and cropping with fast, slow and variable speed capabilities.
- All enlarger functions can be controlled from one comfortable position.

Technical Specifications

Power Lift

Dimensions (LxWxH) 5½ x 2¼ x 5"
(13.75x5.6x10cm)

Shipping Weight 2 lbs. (9.5kg)

Cord Length 8' (200mm)

Power Focus

Dimensions (LxWxH) 3¼ x 2¼ x 4"
(9.4x5.6x10cm)

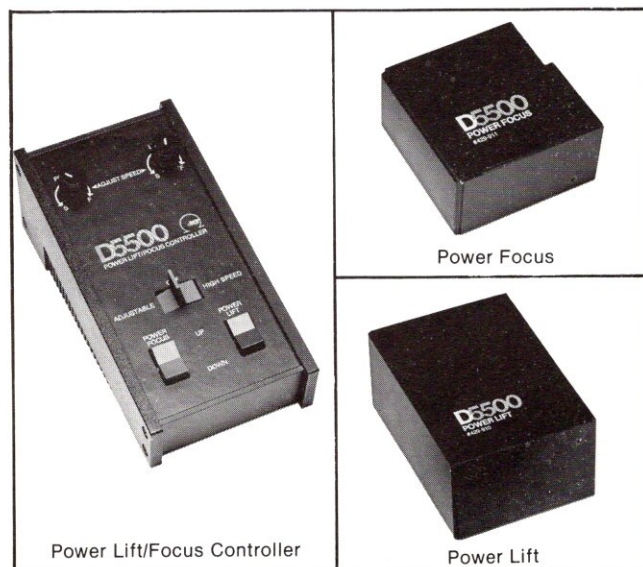
Shipping Weight 1¼ lbs. (.56kg)

Cord Length 8' (200mm)

Cat. No. 429-910 Power Lift Module
Cat. No. 429-911 Power Focus Module
(Both modules require Power Lift/Focus
Controller Cat. No. 429-912)



D5500 Dichroic with Power Lift/Focus Controller



Power Lift/Focus Controller

Power Focus

Power Lift

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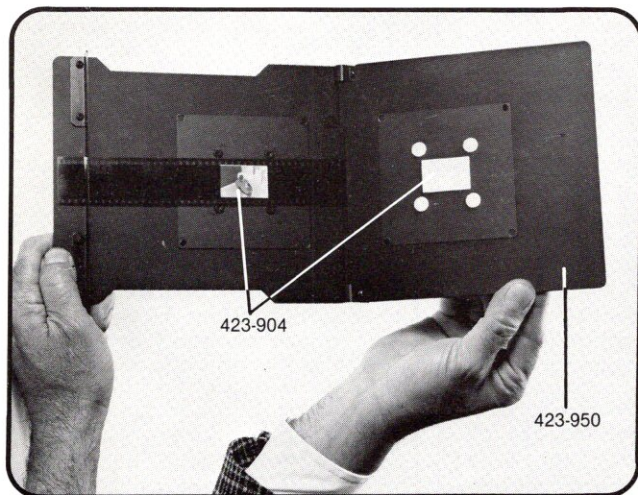
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D5500 Accessories

The Omega D5500 Enlarger System has advanced darkroom technology to a true state of the art. Designed for use by both professional and non-professional darkroom operators alike, it is a complete system offering a comprehensive line of accessories. Indeed, the array of negative carriers and accessories constitute sub-systems in themselves! In addition, there are wall mount and wall brace accessories ideal for use with roll easels and for the enlarger to be used for extreme magnifications. Power Lift and Power Focus modules will also be particularly useful in these applications.



D5500 Carrier System

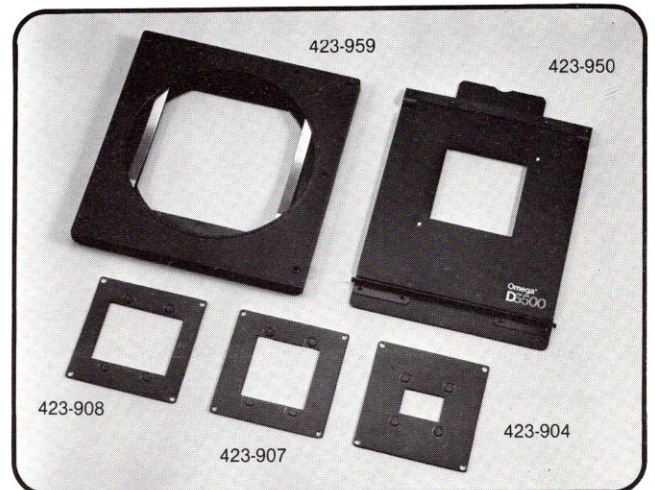
The patented cassette-type D5500 Carrier System accepts any of four carrier holders. The C-size Holder accepts mask sets up to 6x7cm, the D-size Holder accepts masks for 6x9cm and 4"x5". There is also a Film Strip Holder and a C-size Rapid Shift Holder, as well as a custom 100' spool type Glassless Carrier. In addition, there is also a Universal 4"x5" Glass Carrier with Anti-Newton Glass. A masking attachment for use with this glass carrier is designed to mask any unwanted light.

The mask sets are available in a complete range of sizes, and have ingenious magnetic attachment system. They are pin located for precise vertical and horizontal positioning. Extremely thin, they eliminate the umbra or shadowing effect found in other systems. Film Strip Mask Sets in four formats are also available. For high precision work involving masking, etc, a Two Pin Glass Registration Carrier is available.

D5500 Negative Carrier Holders

Cat. No.	Description
423-950	D5500 Negative Carrier Holder (C) Size
423-951	D5500 Negative Carrier Holder (D) Size
423-952	D5500 Negative Carrier Cassette (Film Strip)
423-953	D5500 Rapid Shift Negative Carrier Holder (C Size)
423-959	D5500 Negative Carrier Cassette for C and D Negative Carrier Holders

D5500 Enlarger System



D5500 Mask Sets

Cat. No.	Description
423-912	Kodak Disc (D Size)
423-902	110 (C Size)
423-913	126 (C Size)
423-903	35mm Half Frame (C Size)
423-904	35mm Full Frame (C Size)
423-915	2"x2" Mounted Slide (C Size)
423-905	4x4cm (127 film) (C Size)
423-906	6x4.5cm (C Size)
423-907	6x6cm (2 1/4 x 2 1/4") (C Size)
423-908	6x7cm (2 1/4 x 2 3/4") (C Size)
423-909	6x9cm (2 1/4 x 3 1/4") Roll (D Size)
423-910	3 1/4 x 4 1/4" Cut (D Size)
423-919	Polaroid 105 (D Size)
423-918	9x12cm (D Size)
423-911	4x5" Cut (D Size)

D5500 Film Strip Mask Sets

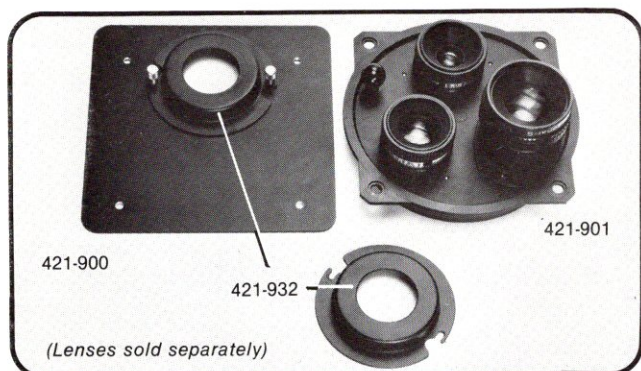
Cat. No.	Description
423-960	35mm - 6 Frames
423-961	2 1/4 x 2 1/4" (6x6cm) - 4 Frames
423-962	2 1/4 x 2 3/4" (6x7cm) - 3 Frames
423-963	2x2" Mounted Slide - 4 Slides

D5500 Special Purpose Carriers

Cat. No.	Description
423-920	D5500 Universal 5x5" Glass Carrier with Anti-Newton Glass
423-938	100' Spool Glassless (Custom) Two Pin Glass Registration Carrier (Custom)

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D5500 Enlarger System



D5500 Lens Mount System

The D5500 is supplied with a single plate lens mounting system for most lenses 25mm through 150mm. Or, a unique three lens turret is available which provides direct mounting for most Leica thread lenses 50mm through 135mm. Turret lens mounts are available for many other lenses having non-Leica threaded barrels. This pre-threaded system includes spring-loaded detents, so lens f/stop indicators can always be positioned toward the user.

The entire turret is recessed into the oversized bellows, so a 50mm lens can be focused, even at high magnifications. The turret can be easily rotated, and properly indexed by means of a spring-loaded locator.

D5500 Lens Mount

Cat. No.	Description
421-900	Single Lens Mount with mounting screws (replacement). Requires appropriate lens plate.
421-901	Three Lens Turret with mounting screws accepts most 39mm threaded lenses from 50mm to 135mm.

D5500 Lens Plates

(for use with 421-900 Single Lens Mount)

Cat. No.	Description
421-902	1/2" cup for 39mm Threaded Lenses
421-903	1/2" cup for 50mm Threaded Lenses
421-904	1/2" cup for 32.5mm Threaded Lenses
421-905	1/2" cup for 42mm Threaded Lenses
421-010	39mm Leica Threaded Lock Ring
421-922	1" Recessed for 32.5mm Threaded Lenses
421-924	1" Recessed for 39mm Threaded Lenses
421-926	1" Recessed (Blank)
421-911	Flat (Blank)

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OMEGA DIVISION

BERKEY MARKETING COMPANIES

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3400 East 70th Street, Long Beach, CA 90805



D5500 Accessories

D5500 Lens Plates

(for use with 421-901 Three Lens Turret)

Cat. No.	Description
421-932	Extended Plate for 39mm Threaded Lenses
421-933	Threaded Collar Plate for 50mm Threaded Lenses
421-935	Extended Plate for 42mm Threaded Lenses
421-915	Threaded Collar Plate for 150mm El Nikkor
421-930	Extended Plate for 25mm Threaded Lenses
421-931	Extended Plate for 32.5mm Threaded Lenses
421-943	Plate with spacer for 25mm Threaded Lenses
421-944	Formed Plate for 25mm Threaded Lenses
421-945	Formed Plate for 32.5mm Threaded Lenses

Power Lift Module

Cat. No. 429-910

Power Focus Module

Cat. No. 429-911

Power Lift/Focus Controller

Cat. No. 429-912

Parallel Computer Interface

Cat. No. 407-930

Floor Stand

Cat. No. 429-903

- An extremely rigid enlarger mounting base which permits enlargements up to 30x40". Bolt enlarger directly to stand. Built for strength and stability with massive welded steel frame and high pressure laminated walnut finished side panels. Warp resistant composing board is totally laminated with both black and white working surfaces. Board is adjustable to three different magnifications ranges. Tapped holes on the support column allow mounting of extension receptacle box.

Dual Pedal Footswitch

Cat. No. 461-058

- Remote control pedal Focus/Print footswitch with 6' cord.

Heat Absorbing Glass

(for DV Variable Condenser Lamphouse)

Cat. No. 473-103

- Provides infrared absorption and heat suppression when using the condenser lamphouse. Recommended for use with filters and required for best results when color printing.

DV Filter Drawer

(for DV Variable Condenser Lamphouse)

Cat. No. 429-052

- Accepts 5" square filters used for color, variable contrast or special effects printing.

Heavy Duty Wall Mount

Cat. No. 429-900

- One piece extruded wall mount easily attaches enlarger column to any structural wall. Maximum rigidity allows the use of even the largest roll easels and/or permits mural-size enlargements.

Wall Brace

Cat. No. 429-901

- For use with Heavy Duty Wall Mount to assure maximum rigidity of the enlarger. Triangular brace is of non-reflective black hardware. Unit includes steel wall brace bracket with pre-drilled holes, adjustable telescoping arms, mounting screws, nuts, bolts, and washers. Easy to install. Also for use with bench-mounted enlargers.

Blower Assembly

Cat. No. 412-020

- For use with the Variable Condenser Lamphouse when using type 212, 150W lamps.



D5500 Lens Mount Reference Chart

Lens	Focal Length	Barrel Size	For Single Lens Mounts (Cat. No. 421-900)	For Three Lens Turret (Cat. No. 421-901)
RODENSTOCK				
Eurygon Wide-Angle†	40mm	39mm	421-902 (R)	N/A
	60mm	39mm	421-902	No Mount Required
	80mm	39mm	421-902	No Mount Required
	120mm	50mm	421-903	N/A
Rogonar	50mm	39mm	421-902 (R)	N/A
Rogonar SC	50mm	39mm	421-902 (R)	No Mount Required
	75mm	39mm	421-902	No Mount Required
Rogonar S	25mm	39mm	421-924 (R)	N/A
	35mm	39mm	421-924 (R)	N/A
	50mm	39mm	421-902 (R)	No Mount Required
	75mm	39mm	421-902	No Mount Required
	90mm	39mm	421-902	No Mount Required
	105mm	39mm	421-902	No Mount Required
	135mm	50mm	421-903	421-933
	150mm*	50mm	421-903	421-933
Rodagon	28mm	39mm	421-924 (R)	N/A
	35mm	39mm	421-924 (R)	N/A
	50mm	39mm	421-902 (R)	No Mount Required
	60mm	39mm	421-902 (R)	No Mount Required
	80mm	39mm	421-902	No Mount Required
	105mm	39mm	421-902	No Mount Required
	135mm	39mm	421-902	No Mount Required
	150mm*	50mm	421-903	421-933
APO Rodagon	50mm	39mm	421-902 (R)	No Mount Required
	90mm	39mm	421-902	421-932
SCHNEIDER				
Componon	28mm	25mm	421-926 (R)	N/A
	35mm	25mm	421-926 (R)	N/A
	50mm	25mm	421-926 (R)	421-943
	60mm	25mm	421-926	421-942
	80mm	25mm	421-926	421-930
	28mm	39mm	421-924 (R)	N/A
	35mm	39mm	421-924 (R)	N/A
	50mm	39mm	421-902 (R)	No Mount Required
	60mm	39mm	421-902	No Mount Required
	80mm	39mm	421-902	No Mount Required
	105mm	32.5mm	421-904	421-945
	135mm	32.5mm	421-904	421-935
	150mm*	39mm	421-902	No Mount Required
Componon S	50mm	39mm	421-902 (R)	No Mount Required
	80mm	39mm	421-902	No Mount Required
	100mm	39mm	421-902	No Mount Required
	100mm	32.5mm	421-904	421-931
	100mm	50mm	421-903	421-933
	135mm	42mm	421-905	N/A
	135mm	50mm	421-903	421-933
	150mm*	42mm	421-905	421-935
	150mm*	50mm	421-903	421-933

NOTE: 39mm Locking Rings not supplied with some lenses. (Available separately Cat. No. 421-010.)

N/A Not Applicable.

(R) Use in recessed position.

*When used with DV Condenser Lamphouse, remove variable condenser.

†Recommended for use with Dichroic Lamphouse.

(Continued)



Omega D5500 Lens Mount Reference Chart

Lens	Focal Length	Barrel Size	For Single Lens Mounts (Cat. No. 421-900)	For Three Lens Turret (Cat. No. 421-901)
Componon Wide Angle†	40mm	39mm	421-902 (R)	N/A
	60mm	39mm	421-902	N/A
	80mm	39mm	421-902	421-932
Comparon	50mm	25mm	421-926 (R)	N/A
	75mm	25mm	421-926	N/A
	50mm	39mm	421-902 (R)	No Mount Required
	75mm	39mm	421-902	No Mount Required
	105mm	32.5mm	421-904	421-931
	150mm*	32.5mm	421-904	421-931
	135mm	39mm	421-902	No Mount Required
EI Nikkor	50mm	39mm	421-902 (R)	No Mount Required
	63mm	39mm	421-902	No Mount Required
	75mm	39mm	421-902	No Mount Required
	80mm	39mm	421-902	No Mount Required
	105mm	39mm	421-902	No Mount Required
	135mm	39mm	421-902	No Mount Required
	150mm*	53mm	421-911	421-915

NOTE: 39mm Locking Rings not supplied with some lenses. (Available separately Cat. No. 421-010.)

N/A Not Applicable.

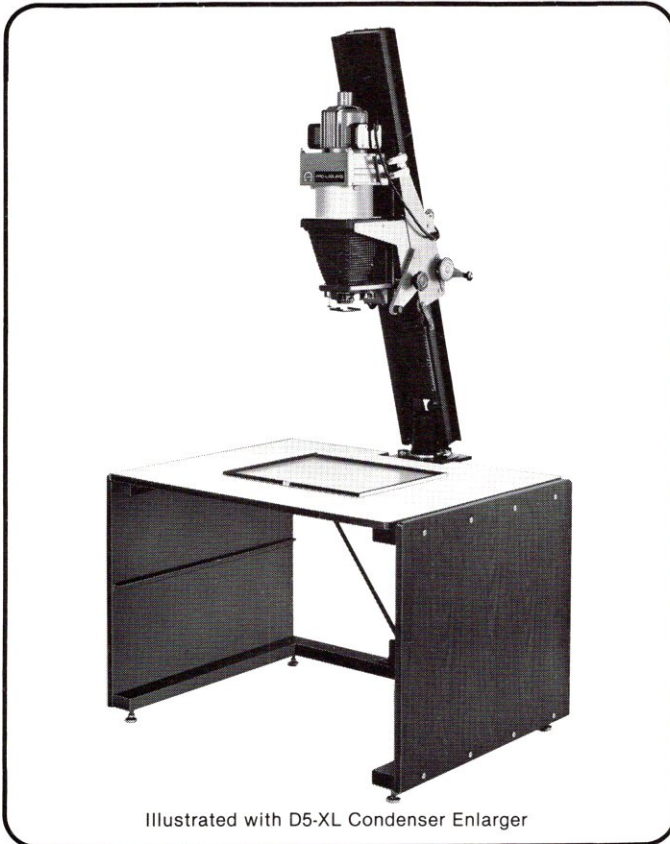
(R) — Use in recessed position.

*When used with DV Condenser Lamphouse, remove variable condenser.

†Recommended for use with Dichroic Lamphouse.

Omega®

D5/D5-XL and D5500 Accessories 4x5" Enlarger Systems



Illustrated with D5-XL Condenser Enlarger

Floor Stand

Cat. No. 429-903

Key Features

- The professional Omega Floor Stand is an extremely rigid enlarger mounting base permitting enlargements up to 30x40". Enlargers are supplied with the mounting hardware needed to bolt them directly to the stand. Massive welded steel frame and high pressure laminated walnut finish side panels give the unit strength and stability. The warp resistant, totally laminated reversible composing board has both a black and white working surface. Simply by sliding it out, the board can be adjusted to three different magnification ranges. Tapped holes on the support column allow mounting of extension receptacle box. The stand comes with leveling gliders which allow easy mobility. Side panels are designed to support shelves and the leveling gliders may be replaced by standard industrial casters.

- Also suitable for use with Omega Enlargers.

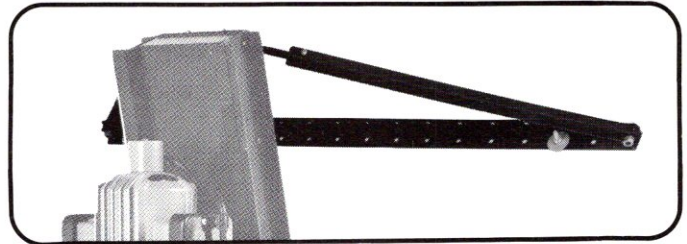
Technical Specifications

Dimensions (HxWxD) 30x43 1/4 x 38 1/4"
(76.2x109.9x97.2cm)

Composing Board 41x33x7/8"
(104.1x83.8x22cm)

Net Weight 194 lbs. (88kg)

Total Shipping Weight 215 lbs. (97.5kg)



Wall Brace

Cat. No. 429-097 (For D5/D5-XL)

Cat. No. 429-901 (For D5500)

Key Features

- The triangular Omega Wall Brace is heavy-duty non-reflective black hardware providing maximum stability with wall or bench mounted enlargers. The unit includes a steel wall brace bracket with pre-drilled anchoring and alignment holes, a pair of telescoping adjustable coupling arms, mounting screws, anchor bolts and washers. Once holes have been made in the wall surface, perfect installation requires only a Phillips screwdriver and standard adjustable wrench.
- Also suitable for use with Omega C67-XL and E Enlargers.

Technical Specifications

Cat. No. 429-097

Length of Wall Bracket 37" (93.9cm)

Length of Telescoping Arms 16-30" (40.6-76.2cm)

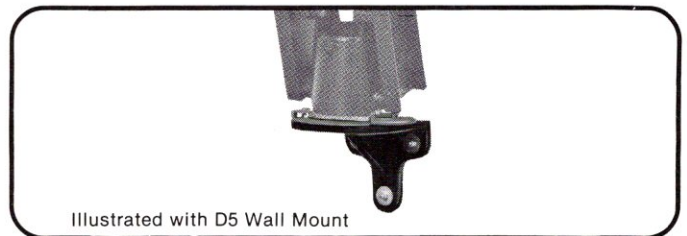
Total Shipping Weight 5 1/4 lbs. (2.6kg)

Cat. No. 429-901

Length of Wall Bracket 25" (63.5cm)

Length of Telescoping Arms 9-14" (22.9-35.6cm)

Total Shipping Weight 5 1/4 lbs. (2.6kg)



Illustrated with D5 Wall Mount

Wall Mount

Cat. No. 429-092 (For D5/D5-XL)

Cat. No. 429-900 (For D5500)

Key Features

- The Omega Wall Mount is a cast aluminum heavy-duty accessory for all D5 and D5500 Enlargers. The easy to install, one piece mount attaches the enlarger column to any structural wall. Anchor bolts will fix the mount to the wall and mounting bolts (included with the enlarger) will fasten the enlarger column to the mount. The wall mount must be used with wall brace to ensure maximum enlarger rigidity.

Technical Specifications

Cat. No. 429-092

Dimensions (HxWxD) 6x6x7"
(152x152x178mm)

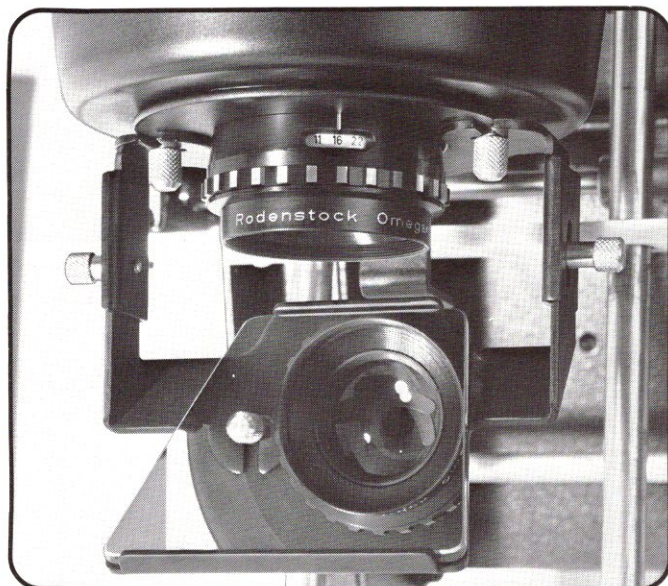
Cat. No. 429-900

Dimensions (HxWxD) 6x7x6"
(152x178x152mm)

Total Shipping Weight 3 3/4 lbs. (1.7kg)

Omega[®]

4"x5" Enlarger Systems



Horizontal Projection Attachment

Cat. No. 429-070

Key Features

- The Omega Horizontal Projection Attachment permits extremely large magnifications for mural size prints and posters in black and white or color. The image is projected on the wall by means of a 45° optically ground and polished, surface coated mirror. The attachment is made of black anodized aluminum and is preassembled for immediate use. It consists of a mirror, dust cover, adjustable lens mount bracket and two knurled screws for mounting the unit to the lens mount. This system works for flat lens mounts and cone type mounts with lenses only from 50mm to 150mm and in addition can be used with triple lens turrets. (Not suitable for use with lenses on recessed mounts or with D5 flat lens mounts, Cat. No. 421-105 or 421-107.)
- Also suitable for use with Omega B7, B8, D2, D3, D4, D6 and E Enlargers.

Technical Specifications

Mirror Size 3½ x 3½ - 2⅞" (taper)
(88.9 x 88.9 - 54mm)

Adjustment Range 2 - 3⅞" (50.8 - 88.6mm)

Total Shipping Weight 8½ oz. (241g)

BMC

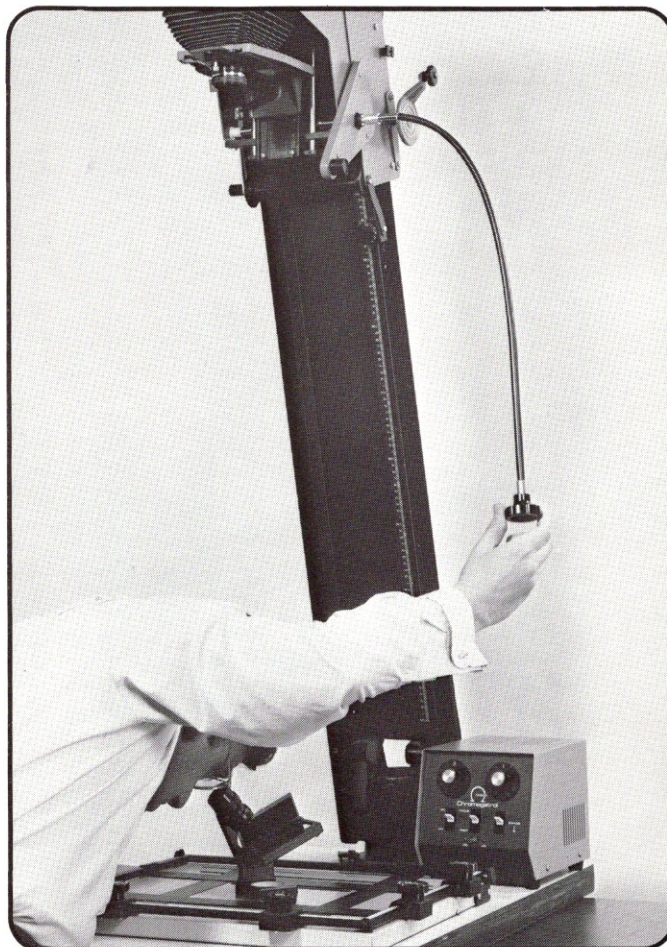
OMEGA DIVISION

BERKEY MARKETING COMPANIES

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3400 East 70th Street, Long Beach, CA 90805



D5/D5-XL Accessories



Flexible Focus Shaft

Cat. No. 464-055

Key Features

- The Omega Flexible Focus Shaft permits the operator to be close to the easel while focusing even at high magnifications. The flexible shaft is 27" long with a contoured finger grip focusing knob on one end and an aluminum coupling device on the other end. Once the enlarger focus control knob has been removed, the coupling device attaches the flexible shaft to the enlarger focusing shaft thus putting focusing control within easy reach of the operator. A No. 10 Allen wrench included with the flexible shaft is the only tool needed to remove and replace the enlarger focus knob and coupling device.
- Also suitable for use with Omega E Enlargers.

Technical Specifications

Length of Flexible Shaft 27" (68.6cm)

Coupling Shaft Size ⅜" (9.5mm)

Total Shipping Weight 1¼ lbs. (560g)

Micromega®

Enlarging Focuser



The lowest priced, fine quality enlarging focuser in the Omega line. The Micromega Enlarging Focuser is used to achieve accurate focus when printing color or black and white with an enlarger. This is done by permitting the grain of an aerial image of film, projected in the enlarger, to be precisely focused in the focuser eyepiece.

Key Features

- 10x f1.4 wide angle eyepiece.
- Front surface mirror eliminates multiple reflection for precise focusing.
- 10° viewing angle from optical axis.
- Adjustable diopter eyepiece with rubber eyecup.
- Image target area for locating specific sections of image.
- Dust cover to protect mirror.

Technical Specifications

Focal Length	25mm
Aperture	f/1.4
Lens Construction	2 elements in 2 groups
Clear Aperture	13.5mm
Magnification	10X
Lens Coating	mfg ₂ all surfaces
Viewing Angle from Optical Axis	10°
Diopter Adjustment	-5.5 to +5.5 Diopter
Eye Relief	10mm
Image Area Covered	8mm
Dimensions	1.25"x3.5"x2.75" (approx.) (15.9x8.9x7cm)
Weight	10 oz. (283.5g)

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OMEGA DIVISION

BERKEY MARKETING COMPANIES

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Omega®

Darkroom Thermometers

Omega Darkroom Thermometers, manufactured in America, are engineered to the highest professional standards and priced to provide superior value. They offer guaranteed accuracy and can be used with complete confidence even in the most critical color or black and white processes.

Key Features

2" Dial

- Luminescent large 2" dial face for easy darkroom use.
- Leak-proof and impact resistant Lexan crystal cover on dial face provides durability and trouble-free use.
- Thermometer has a recalibration control for consistently precise temperature readings.
- Fahrenheit and Celsius scales.
- Chemical resistant stainless steel thermometer rod.
- Tray clip for easier handling.
- Immediate response to temperature changes ensures efficient and accurate readings.

5" Tank and Tray

- Non-corrosive stainless steel frame enables use in any process chemical.
- Clip allows easy attachment to tank or tray.
- Fahrenheit and Celsius scales.

6" Glass

- Calibrated with $\frac{1}{2}^{\circ}\text{F}$ ($\frac{1}{4}^{\circ}\text{C}$) markings for precise temperature readings.
- Fahrenheit and Celsius scales.
- Blue fluid on white background for simplified reading.

12" Glass

- Calibrated with $\frac{1}{4}^{\circ}\text{F}$ ($\frac{1}{8}^{\circ}\text{C}$) markings for extremely precise temperature readings.
- Fahrenheit and Celsius scales.
- Blue fluid on white background for simplified reading.

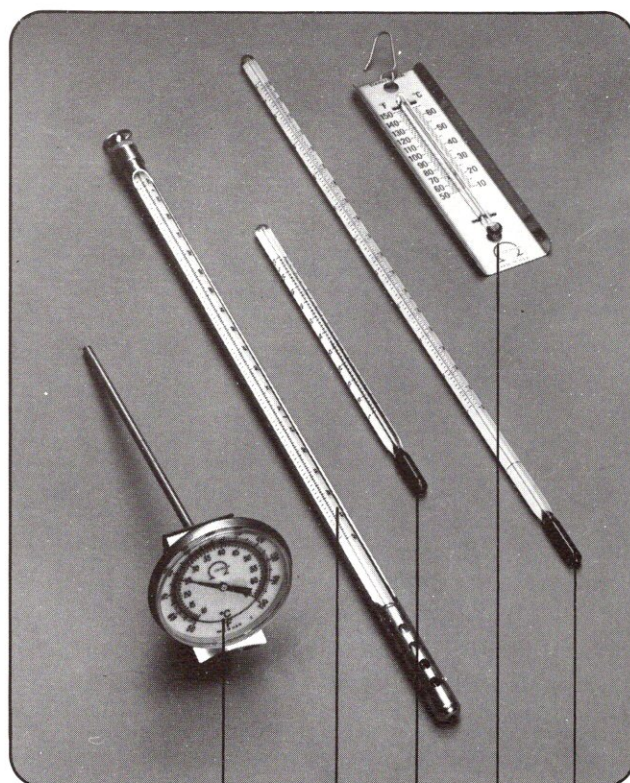
12" Glass with Stainless Steel Armor

- Stainless steel armor provides maximum protection for heavy duty professional uses.

Technical Specifications

Thermometer	Temperature Range	Accuracy
2" Dial	50° to 150°F 10° to 65°C	$\pm \frac{1}{4}^{\circ}\text{F}$ $\pm \frac{1}{8}^{\circ}\text{C}$
5" Tank and Tray	50° to 150°F 10° to 70°C	$\pm 1^{\circ}\text{F}$ $\pm \frac{1}{2}^{\circ}\text{C}$
6" Glass	40° to 130°F 5° to 55°C	$\pm \frac{1}{4}^{\circ}\text{F}$ $\pm \frac{1}{8}^{\circ}\text{C}$
12" Glass	40° to 130°F 5° to 55°C	$\pm \frac{1}{4}^{\circ}\text{F}$ $\pm \frac{1}{8}^{\circ}\text{C}$
12" Glass with Stainless Steel Armor	40° to 130°F 5° to 55°C	$\pm \frac{1}{4}^{\circ}\text{F}$ $\pm \frac{1}{8}^{\circ}\text{C}$

Cat. No. 479-168 2" Dial
Cat. No. 479-161 5" Tank and Tray
Cat. No. 479-162 6" Glass
Cat. No. 479-164 12" Glass
Cat. No. 479-167 12" Glass with Stainless Steel Armor



2" Dial
12" Glass with Stainless Steel Armor
6" Glass
5" Tank and Tray
12" Glass

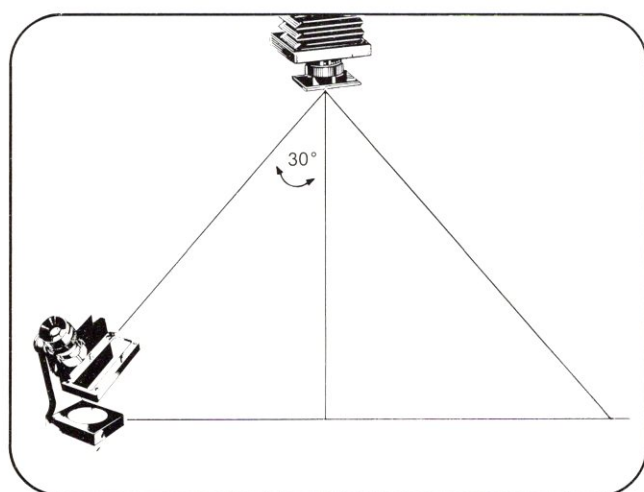
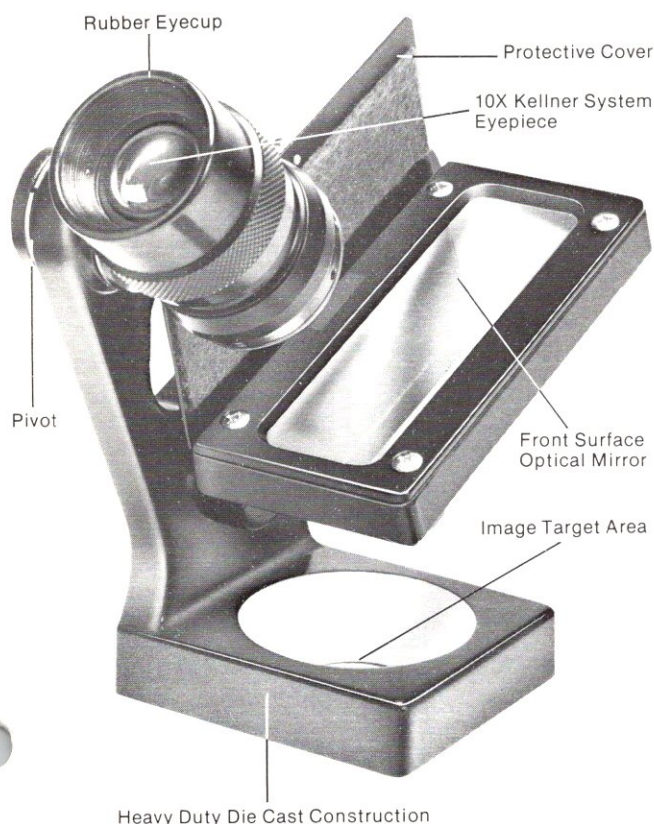
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Extra-long mirror and pivoting eyepiece allow the Micromega to be used up to 30° from optical axis of lens without vignetting.

Micromega®

Critical Focuser

The Micromega™ Critical Enlarging Focuser is one of the finest and most accurate enlarging focusers available. This precision instrument is made to the same quality and tolerance standards as fine microscopes. Operation is based on the preferred technique of focusing the grain of an aerial image of the projected film.

The eyepiece features a 10X Achromatic Kellner optical system, consisting of three coated lenses in two groups plus an optical glass disc with an engraved framed rectangle at the focal point. An axial pivot positioned at the exact point of focus allows the eyepiece to swing in an arc to center the viewed image from the center to the corners of the field without vignetting.

A front surface mirror insures precise focusing by eliminating multiple images caused when light rays must pass through glass before and after striking the reflective surfaces as is the case with rear surface mirrors.

Key Features

- Extra-long mirror and pivoting eyepiece allows focusing up to 30° from the optical axis of the lens without vignetting.
- Precision helical mount for adjustment of the eyepiece to the individual user.
- Mirror's front surface consists of an evaporated aluminum layer with a protective coat of silicon.
- Hinged dust cover protects mirror when not in use.
- Heavy duty die cast frame and mirror assemblies.
- Recommended for all professional and commercial applications.
- Blue filter facilitates precise focusing with black and white materials by matching the spectral sensitivity of the paper.

Technical Specifications

Focal Length	25mm
Aperture Range	15.5mm
Lens Construction	3 elements in 2 groups
Clear Aperture	7mm
Magnification Range	10X
Lens Coating	mgf ₂ all surfaces
Viewing Angle from Optical Axis	30°
Diopter Adjustment	-5 to +5 Diopter
Eye Relief	16.9mm
Image Area Covered	18mm
Dimensions	6.25"x5.25"x3.5" (approx.) (15.9x13.3x8.9cm)
Weight	22.5 oz. (637.9gm)

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Micromega[®]

Grain Focuser

The economical Omega Grain Focuser is one of the finest and most accurate enlarging focusers available.

Operation is based on focusing the grain of an aerial image of the projected film in the eyepiece.

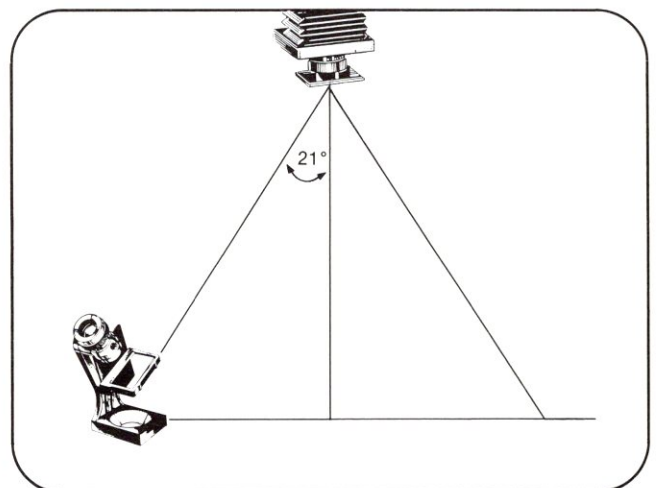
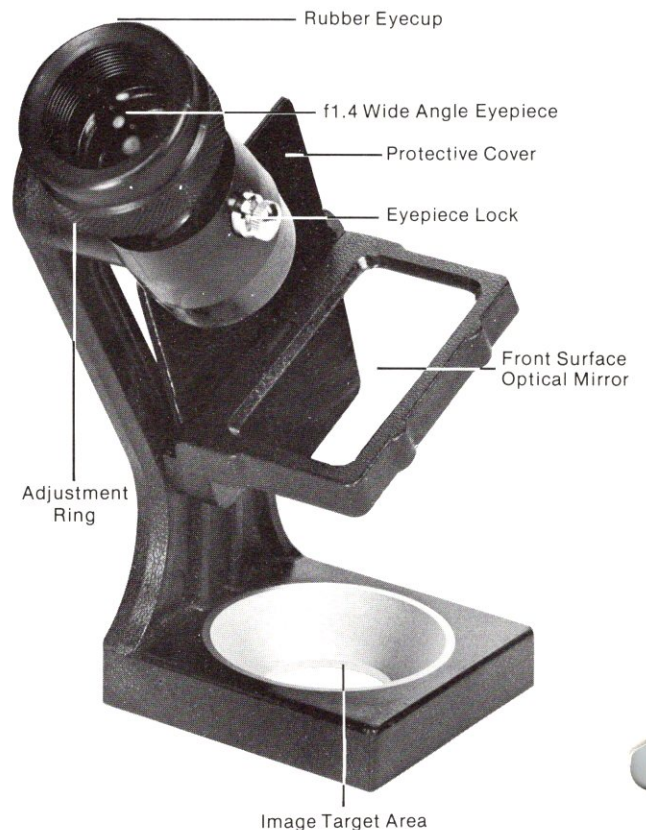
A front surface mirror insures precise focusing by eliminating multiple images caused when light rays must pass through glass before and after striking the reflective surfaces as is the case with rear surface mirrors.

Key Features

- Wide angle of view allows focusing at the image corners without vignetting.
- Rubber eyecup and focus ring for comfort and convenience.
- Eyepiece can be locked in place via eyepiece adjustment screw.
- Front surface mirror consists of an evaporated aluminum layer coated with a protective silicon layer.
- Felt-lined, hinged dust cover protects mirror when not in use.

Technical Specifications

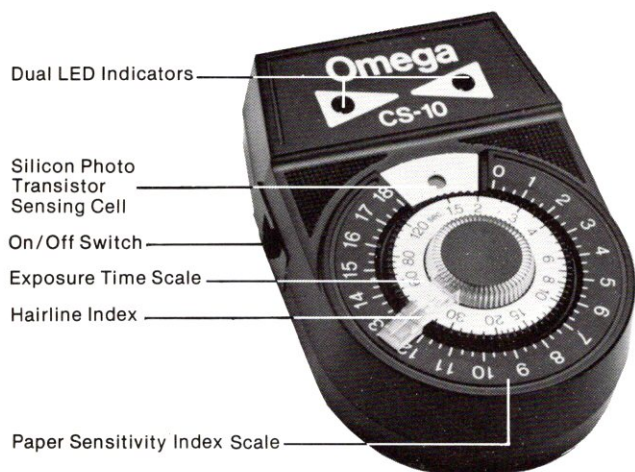
Focal Length	25mm
Aperture Range	f1.4
Lens Construction	4 elements in 3 groups
Clear Aperture	21.5mm
Magnification Ratio	10X
Lens Coating	mgf ₂ all surfaces
Viewing Angle from Optical Axis	21°
Diopter Adjustment	-5 to +10 Diopter
Eye Relief	10mm
Image Area Covered	8mm
Entrance Pupil	17.9mm
Dimensions	6.25"x3.5"x2.75" (approx.) (15.9x8.9x6.9cm)
Weight	13.5 oz. (382.7kg)



Can be used to 21° from optical axis of lens without vignetting.

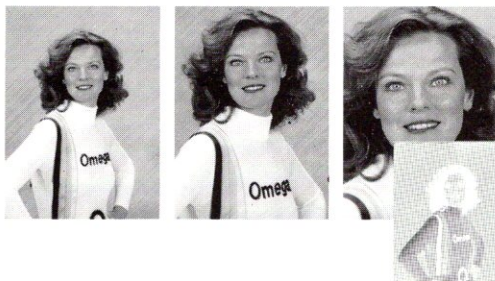
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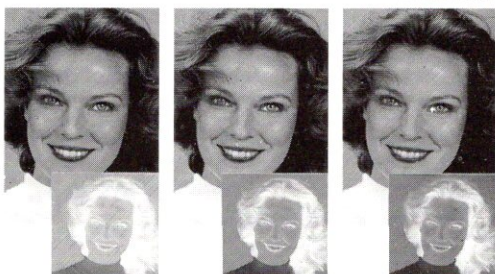


Perfectly Exposed Prints Everytime

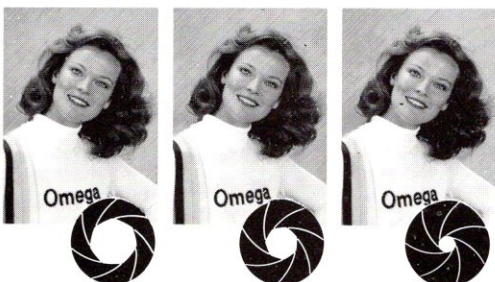
Regardless of Magnification Changes



Film Density Changes



Aperture Changes



Omega®

CS10 Exposure Comparator

The Omega CS10 Exposure Comparator is a precision electronic instrument incorporating advanced solid state circuitry to give the user precise exposure measurements — quickly and easily. Light, compact, completely portable — and economically priced, too.

Simply adjust the enlarger lens aperture or the exposure time, until the two light-emitting diodes (LED's) on the face of the Omega CS10 glow with equal brightness. Result — a correctly exposed print. Everytime!

Key Features

- Determines correct exposures by adjusting either exposure time or lens aperture
- Spot measurements for accurate exposure determination
- For use with color or black and white negatives and transparencies
- State of the art solid state integrated circuitry and silicon photo transistor sensor for instant, accurate response, and repeatability
- Dual LED indicators for quick and accurate exposure determination
- Allows black and white contrast grade determination
- Operates on one long lasting battery. Keeps electrical outlets free for enlarger, safelights, timer and other darkroom equipment

Technical Specifications

Sensitivity Range 6 f/stops (approx.)
 Exposure Time Scale 1.5-120 seconds
 Sensing Aperture 3.5mm diameter (stop)
 Power Source One 6V battery (PX 28 or equivalent)
 Battery not included
 Dimensions 2.44x3.5x.94"
 (62.0x90.0x24.0mm)
 Weight 1.76 oz. (50g)

BMC OMEGA DIVISION

BERKEY MARKETING COMPANIES

25-20 Brooklyn-Queens Expressway West, Woodside, NY 11377
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Omega®

CF20 Electronic Digital Thermometer

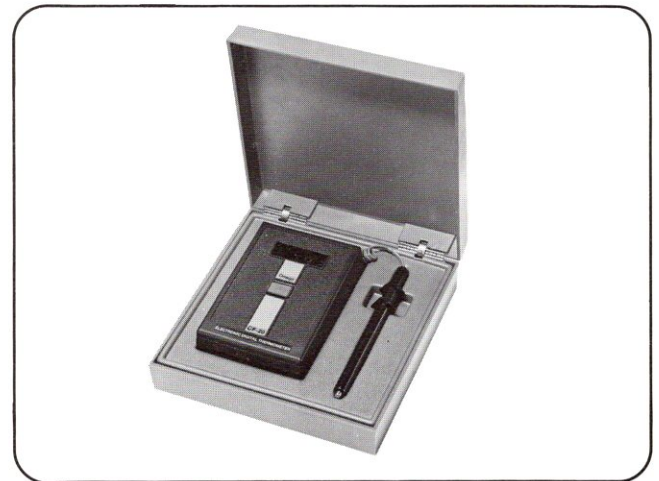
The Omega CF20 Electronic Digital Thermometer is a precision laboratory instrument utilizing large scale integrated circuitry and a silicon solid state temperature sensor for ultra high accuracy and reliability. Each thermometer is computer calibrated using National Bureau of Standards traceable calibration instruments and will provide years of trouble free service with a minimum of care. While designed for use in a photographic darkroom, the CF20 can find many other uses in the laboratory and home because of its wide operating range.

Key Features

- Displays degrees Fahrenheit or Celsius (°F or °C).
- Safelight red L.E.D. display.
- Probe is chemical and impact resistant.
- Probe designed to rest on edge of tanks, trays, and cylinders and will not roll or slip.

Technical Specifications

Display	3½ digits
Temperature Measuring Range	-50°C to 120°C-58°F to 199°F
Guaranteed Accuracy	 ± 0.15°C from 15°C to 60°C ± 0.25°F from 59°F to 140°F
Stabilized Reading	Within 30 secondsin a stirred liquid
Dimensions	5x3.5x1.5" (12.7x8.9x3.8cm)
Weight	18.5 oz. (.524kg)
Power	4 "AA" Alkaline Batteries (not supplied)



The Omega CF20 Digital Thermometer is supplied with protective hard case.

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OMEGA DIVISION

BERKEY MARKETING COMPANIES

25-20 Brooklyn-Queens Expressway West, Woodside, NY 11377
3400 East 70th Street, Long Beach, CA 90805



Chemistry Storage Bottles

8"x10" Processing Trays

8"x10" Easel

Omega CT-10
90-Second Timer

9" Squeegee

Print Tongs

The complete Printmaker Beginner Kit contains:

- 3 — 8"x10" deep processing trays and high ribbed bottoms and pouring lip.
- 3 — Plastic print tongs with soft rubber tips to prevent print scratching. (Note: One print tong is blue for use with developer).
- 3 — One liter opaque photographic chemistry storage bottles.
- 1 — One liter mixing graduate with graduations in ounces and millimeters. Graduate is a wide-bottom, low profile design to eliminate tipping and spilling.
- 1 — Large filter funnel with fine 316 stainless steel filter.
- 1 — Tank and tray photo thermometer with Centigrade and Fahrenheit scale.
- 1 — 7½ watt safelight bulb that fits any household lamp fixture.
- 1 — 9" molded soft rubber print squeegee to remove excess water from finished prints.
- 1 — 8"x10" metal enlarging easel in "photographic gray" finish to eliminate unwanted print reflections with four 3" magnetic paper holders and non-skid feet.
- 1 — Molded plastic stirring rod.
- 1 — Nine (9) piece photographic print dodging kit.
- 1 — Kodak Polycontrast® Rapid RC enlarging paper in 8"x10" size — 10 sheet package.
- 1 — Kodak Dektol Print Developer — one quart package.
- 2 — Kodak Universal Indicator Stop Bath — eight ounce package.
- 1 — Kodak Photographic Print Fixer — one quart package.
- 1 — Darkroom Data Center for quick and simple recording of necessary print developing times, chemical temperatures, etc.
- 1 — Special Easy-Rase™ marker for use with the Darkroom Data Center.
- 1 — Omega CT-10 90-Second Timer.
- 1 — Set of six (6) pre-printed, luminescent tray and storage bottle identification labels.
- 1 — "Omega Custom Printmaking Manual — A Complete Step-by-Step Guide" illustrated instruction book.

Total 27 Piece Omega PrintMaker Beginner Kit*

Omega®

PrintMaker™ Beginner Kit

Everything needed by the photo enthusiast to begin making custom 8"x10" black-and-white prints as soon as they get home. The Omega PrintMaker Beginner Kit is the most complete combination of the highest quality materials available on the market today... all designed to make printmaking simple and enjoyable. Included in this total starter package is Kodak paper and chemistry as well as the highly acclaimed "Omega Custom Printmaking Manual — A Complete Step-by-Step Guide." Written especially for Omega, this easy-to-follow, illustrated step-by-step instruction manual actually walks the reader through the entire black-and-white printmaking process, starting with the basic use of the enlarger right up to producing creative printmaking effects.

The Omega PrintMaker Beginner Kit eliminates all the worries of not having the right equipment and materials available when needed. What's left is just the fun and excitement of making pictures. Omega firmly believes: "If you can take it, you can make it!"

*Does not include enlarger and kit contents and specifications are subject to change without notice.

Available for shipment in June, 1982.

Kodak Polycontrast is a trademark of the Eastman Kodak Company. PrintMaker is a trademark of the Omega Division, Berkey Marketing Companies.

BMC

OMEGA DIVISION

BERKEY MARKETING COMPANIES

25-20 Brooklyn-Queens Expressway West, Woodside, NY 11377
3400 East 70th Street, Long Beach, CA 90805



Omega®

PrintMaker™ Advanced Kit

For the photo enthusiasts who demand more and plan to expand their photo and darkroom interests in the future, the Omega PrintMaker Advanced Kit is made to grow with them. Omega has assembled everything needed to immediately begin 8"x10" black-and-white printmaking plus the capability to advance to 11"x14" prints. The extra-large developing trays, squeegee, and easel included in this kit are all designed to accommodate 11"x14" photographic paper. Omega's CT-20 Solid State Electronic 99-second Audible Timer has also been added to satisfy more versatile darkroom needs.

The Omega PrintMaker Advanced Kit also contains Kodak paper and chemistry and the comprehensive "Omega Custom Printmaking Manual — A Complete Step-by-Step Guide" instruction book. This illustrated, easy-to-understand manual was written especially for Omega by the noted darkroom expert, Dennis P. Curtin and actually walks the reader through every step of black-and-white printmaking, starting with the basic use of an enlarger through the advanced techniques involved in creative printmaking effects.

The Omega PrintMaker Advanced Kit eliminates all the worries of not having the right equipment and materials when they are needed. All that's left for the photo enthusiast is the fun and excitement of making pictures. Omega firmly believes: "If you can take it, you can make it!"

*Does not include enlarger. Kit contents and specifications are subject to change without notice.

Available for shipment in June, 1982.

Kodak Polycontrast is a trademark of the Eastman Kodak Company.

PrintMaker and Easy-Rase are trademarks of the Omega Division, Berkey Marketing Companies.

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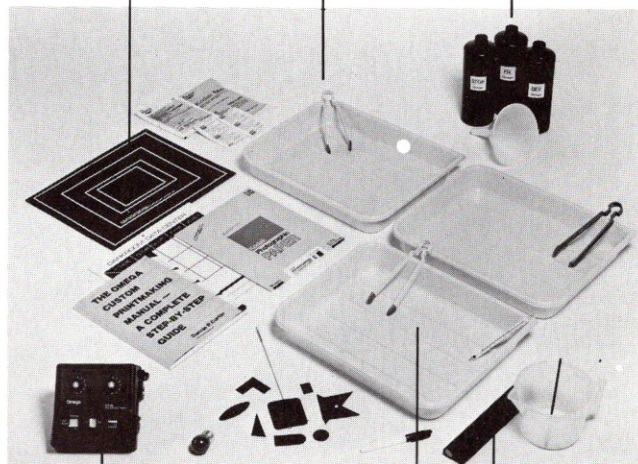


Cat. No. 469-08

Chemistry Storage Bottles

Print Tongs

11"x14" Easel



Omega CT-20
Electronic 99-Second
Timer

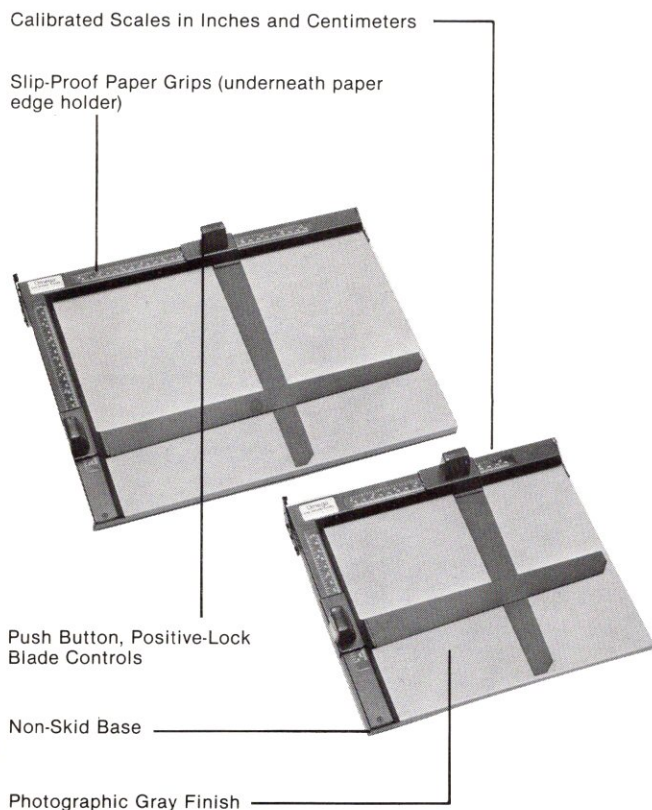
11"x14" Processing Trays

12" Squeegee

The complete PrintMaker Advanced Kit contains:

- 3 — 11"x14" deep processing trays with high ribbed bottoms and pouring lip.
- 3 — Plastic print tongs with soft rubber tips to prevent print scratching. (Note: One print tong is blue for use with developer).
- 3 — One liter opaque photographic chemistry storage bottles.
- 1 — One liter mixing graduate with graduations in ounces and millimeters. Graduate is a wide-bottom, low profile design to eliminate tipping and spilling.
- 1 — Large filter funnel with fine 316 stainless steel filter.
- 1 — Tank and tray photo thermometer with Centigrade and Fahrenheit scale.
- 1 — 7½ watt safelight bulb that fits any household lamp fixture.
- 1 — 12" molded soft rubber print squeegee to remove excess water from finished prints.
- 1 — 11"x14" metal enlarger easel in "photographic gray" finish to eliminate unwanted print reflections with four 4" magnetic paper holders and non-skid feet.
- 1 — Molded plastic stirring rod.
- 1 — Nine (9) piece photographic print dodging kit.
- 1 — Kodak Polycontrast® Rapid RC enlarging paper in 8"x10" size — 10 sheet package.
- 1 — Kodak Dektol Print Developer — one quart package.
- 2 — Kodak Universal Indicator Stop Bath — eight ounce package.
- 1 — Kodak Photographic Print Fixer — one quart package.
- 1 — Darkroom Data Center for quick and simple recording of necessary print developing times, chemical temperatures, etc.
- 1 — Special Easy-Rase™ marker for use with the Darkroom Data Center.
- 1 — Omega CT-20 Solid State Electronic 99-second Audible Timer.
- 1 — Set of six (6) pre-printed, luminescent tray and storage bottle identification labels.
- 1 — "Omega Custom Printmaking Manual — A Complete Step-by-Step Guide" illustrated instruction book.

Total 27 Piece Omega PrintMaker Advanced Kit*



Omega®

Deluxe Dual-Bladed Adjustable Easels

These deluxe, dual-bladed, adjustable easels have many unique features to make them the finest easel values available.

Key Features

- Each blade individually precision-adjustable for accurate and repeatable borders.
- Adjustable border guides for borders from $\frac{3}{16}$ " to $\frac{3}{8}$ ".
- Easy-to-read precision border scales, calibrated in inches and centimeters.
- Blades made of fine quality stainless steel with double-baked matte-black finish to prevent light reflections.
- Push button, positive-lock blade controls.
- Automatic slip-proof paper grips.
- Tension-leveled steel base provides maximum flatness for sharp corner-to-corner focusing.
- Hard wearing, photographic gray finish provides easy focusing surface and prevents print flare during exposure.
- Non-skid base for exact positioning, prevents easel movement during normal use.

Technical Specifications

8x10" Model

Maximum Paper Size	8x10"
Minimum Border Size (with Border Guides)	$\frac{3}{16}$ "
Maximum Border Size	$\frac{3}{8}$ "
Dimensions	12 $\frac{5}{8}$ x 10 $\frac{5}{8}$ " (32.1 x 27.0cm)
Weight	2 lbs. 13 oz. (1.3kg)

11x14" Model

Maximum Paper Size	11x14"
Minimum Border Size (with Border Guides)	$\frac{3}{16}$ "
Maximum Border Size	$\frac{3}{8}$ "
Dimensions	16 $\frac{7}{8}$ x 13 $\frac{5}{8}$ " (42.9 x 34.6cm)
Weight	4 lbs. 8 oz. (2.0kg)

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BERKEY MARKETING COMPANIES

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Omega®

4-in-1 Easel

The Omega 4-in-1 Easel is economically priced providing outstanding value by satisfying the high quality and performance standards established by Omega.

It is ideal for those who are setting up a darkroom because of its durability and versatility. This easel provides the capabilities of selecting various print sizes with just one easel.

Key Features

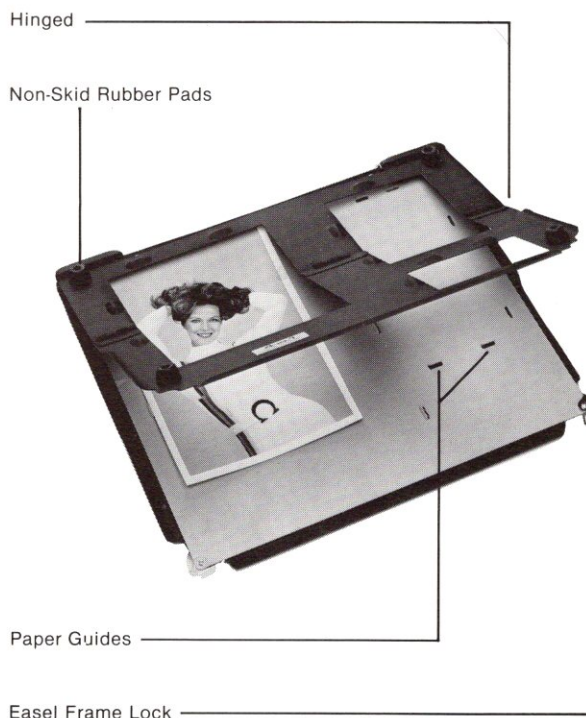
- Variable print sizes: 8x10", 5x7", 3½x5" or 2¼x3¼".
- All print sizes have ¼" borders.
- Heavy-duty all steel construction for durability and long-life precision use.
- Double-hinged frame design for quick and easy paper loading.
- Paper guides assure precise print registration.
- Easel locks secure masking frame to base which holds the paper in place and allows convenient handling.

Technical Specifications

Dimensions 11.7 x 9.6"
(29.7 x 24.4cm)

Weight 2 lbs. 6 oz. (1.1kg)

Cat. No. 465-040



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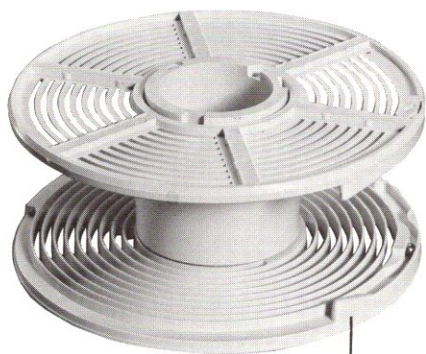
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Cat. No. 467-100 Universal Developing System
Includes Tank with Two (2)
Adjustable Reels

Cat. No. 467-110 Adjustable Reels — contains four
(4) Reels

Light-tight Lid



Ball-bearing Film Entryway

Omega®

Universal Developing System

A quality-built developing system for processing 35mm, 126, 127 or 120/220 film sizes — color or black and white. Easy to use, easy to care for, and made to last a lifetime.

Key Features

- System includes tank and two (2) adjustable reels.
- Perfect for color or black and white film processing.
- Each adjustable reel can hold 35mm (24 or 36 exposure), 126, 127 or 120/220 film sizes.
- Allows simultaneous processing of two (2) reels of 35mm film or two (2) reels of 126 film.
- Film reels are made of special non-corrosive resin plastic for easy handling, fast drying and are virtually indestructible.
- Reels contain ball bearings at film entryway for quick, simple and precise film loading.
- Reels fit Omega and other Universal Developing Systems.
- Tank body made of impact and chemical-resistant plastic for long life and no contamination.
- Special multi-level agitation system ensures even and streakless film development.
- Extra-large pour mouth for clean, fast and easy chemical filling and emptying.

Technical Specifications

Film Size	Number of Rolls	Solution Quantity
35mm/126	1	11 oz. (325cc)
35mm/126	2	20 oz. (570cc)
127	1	14 oz. (400cc)
120/220	1	20 oz.* (550cc)

*Rounding Error

Material Tank Body, Agitator and Lid — Impact and Chemical resistant ABS plastic
Reels — Glass reinforced ABS plastic

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BERKEY MARKETING COMPANIES

25-20 Brooklyn-Queens Expressway West, Woodside, NY 11377
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Omega[®]

Stainless Steel Tanks and Reels

A complete line of professional processing tanks and reels with tough, leak-proof vinyl lids. Suitable for inversion agitation. Stainless steel construction is non-corrosive and durable providing lasting precision use.

Complete interchangeability of all reels, tanks and lids for maximum efficiency, economy and convenience.

Key Features

- Light-tight lids permit processing in normal room lighting conditions.
- Wide lid mouths enable quick and easy filling and draining of chemical solutions.
- Stainless steel construction assures quick and simple cleaning and drying.
- Stainless steel tanks are perfect for temperature control baths.
- All tanks, reels and lids are completely interchangeable for economy and convenience.
- Non-corrosive stainless steel construction ensures durability for long lasting precision use.

Technical Specifications

Tank Size	Number of 120/620 Reels	Number of 35mm/126 Reels
35mm/126	0	1
120/620	1	2
7"	2	4
12"	4	8

Material Chemical resistant 316 stainless steel

Suggested Solution Requirements:

Per 35mm/126 Reel 8 oz. (227g)
Per 120/620 Reel 16 oz. (454g)

Cat. No. 467-120	120/620 Developing Tank
Cat. No. 467-104	120/620 Developing Tank with 120/620 Reel
Cat. No. 467-106	120/620 Developing Tank with Two (2) 35mm/126 Reels
Cat. No. 467-135	35mm/126 Developing Tank
Cat. No. 467-102	35mm/126 Developing Tank with 35mm/126 Reel
Cat. No. 467-107	7" Multiple Developing Tank
Cat. No. 467-112	12" Multiple Developing Tank
Cat. No. 467-010	110 Reel
Cat. No. 467-011	35mm/126 Reel
Cat. No. 467-012	120/620 Reel

Lifting Rod

Light tight/Leak Proof
Vinyl Lid



Easy Loading/Rapid
Drying Reel

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BERKEY MARKETING COMPANIES

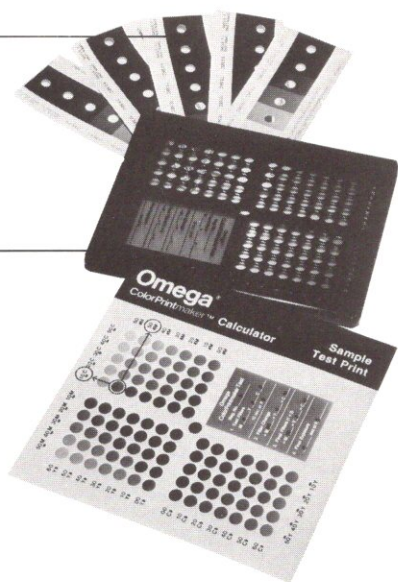
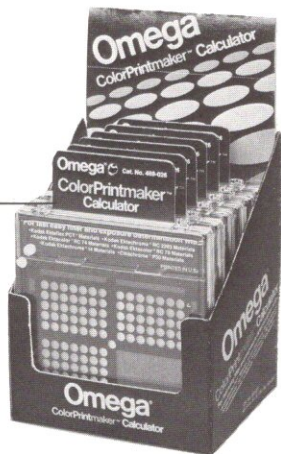
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Available only in Special 6-pack Display Unit.

Set of
Comparator Cards

Calculator

Special 6-pack
Display Unit.

Omega®

ColorPrintmaker™ Calculator

The ColorPrintmaker Calculator takes the guesswork out of determining proper color filtration and exposure time when making custom color prints with a condenser enlarger, using color printing filters, or an enlarger with a dichroic lamphouse. Precisely calibrated to Kodak Ektaflex PCT™, Ektacolor®, Ektachrome®, and Cibachrome® color printing materials, this unique calculator makes color print-making quick, easy and accurate. Unique gray comparator cards are specifically matched to each individual printing material's sensitivity, making the ColorPrintmaker Calculator the most exacting one of its kind ever produced.

An under-the-lens light diffuser, designed to fit most enlargers, is supplied with the ColorPrintmaker Calculator for proper light and color integration needed for calculator test prints. The test print is exposed through the calculator, offering direct readout information via a matrix of colored circles, including one which is neutral gray. Color filtration is determined by simply reading the filtration values directly in line with the gray circle, while simultaneous use of the correct comparator card indicates if a change in f/stop or exposure time is necessary. The calculator has a luminous dot for easy use in the dark and prints a data chart directly on the test print. This enables the user to record all pertinent printing information directly on the test print for quick reference in future use.

Each ColorPrintmaker Calculator is packed in an individual, clear, impact-resistant box designed for pegboard display. The specially designed 6-pack carton converts into a colorful, attention-getting counter display.

Technical Specifications

Calculator Dimensions $3\frac{5}{8} \times 4\frac{5}{8}$ " (9.2x11.7cm)
Color Filter Determination 106 Color Filter Combinations
Exposure Determination .. Unique gray comparator cards for Ektaflex, Ektachrome, Ektacolor and Cibachrome materials. Each comparator provides 8 f/stop and exposure time combinations.
Light Integration Under-the-lens diffuser

Kodak Ektaflex PCT, Ektacolor and Ektachrome are trademarks of Eastman Kodak Company.
 Cibachrome is a trademark of Ilford, Inc.
 ColorPrintmaker is a trademark of the Omega Division, Berkey Marketing Companies.

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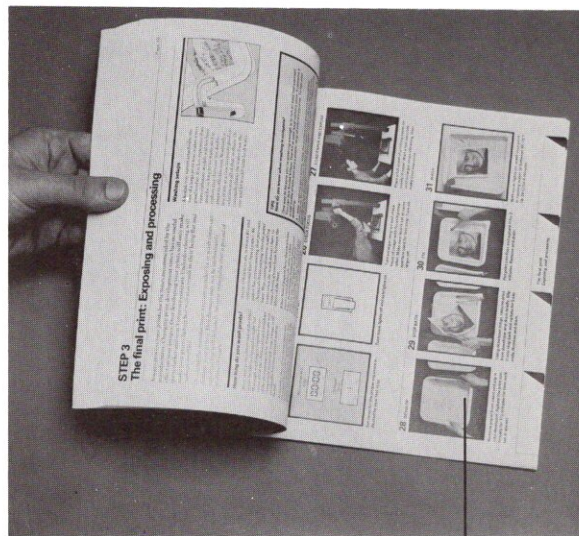
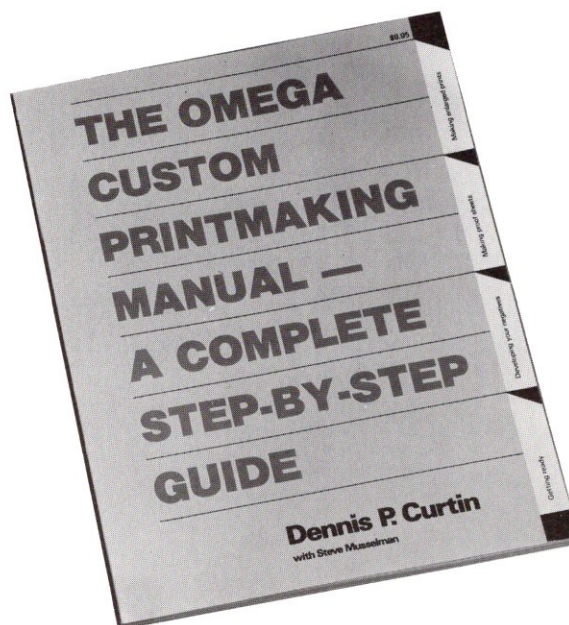
Omega®

"Omega Custom Printmaking Manual – A Complete Step-by-Step Guide"

A comprehensive, easy-to-understand, fully illustrated 90 page instruction manual was written especially for Omega by the well-known darkroom authors Dennis P. Curtin and Steve Musselman. These instructions actually walk you through the entire black-and-white printmaking process in the simplest manner via photographs and captions.

The book is divided into five chapters with information on setting up a darkroom, developing negatives, making proof sheets, making enlarged black-and-white prints and special effect printmaking.

Cat. No. 469-080



Fully Illustrated

BMC

OMEGA DIVISION

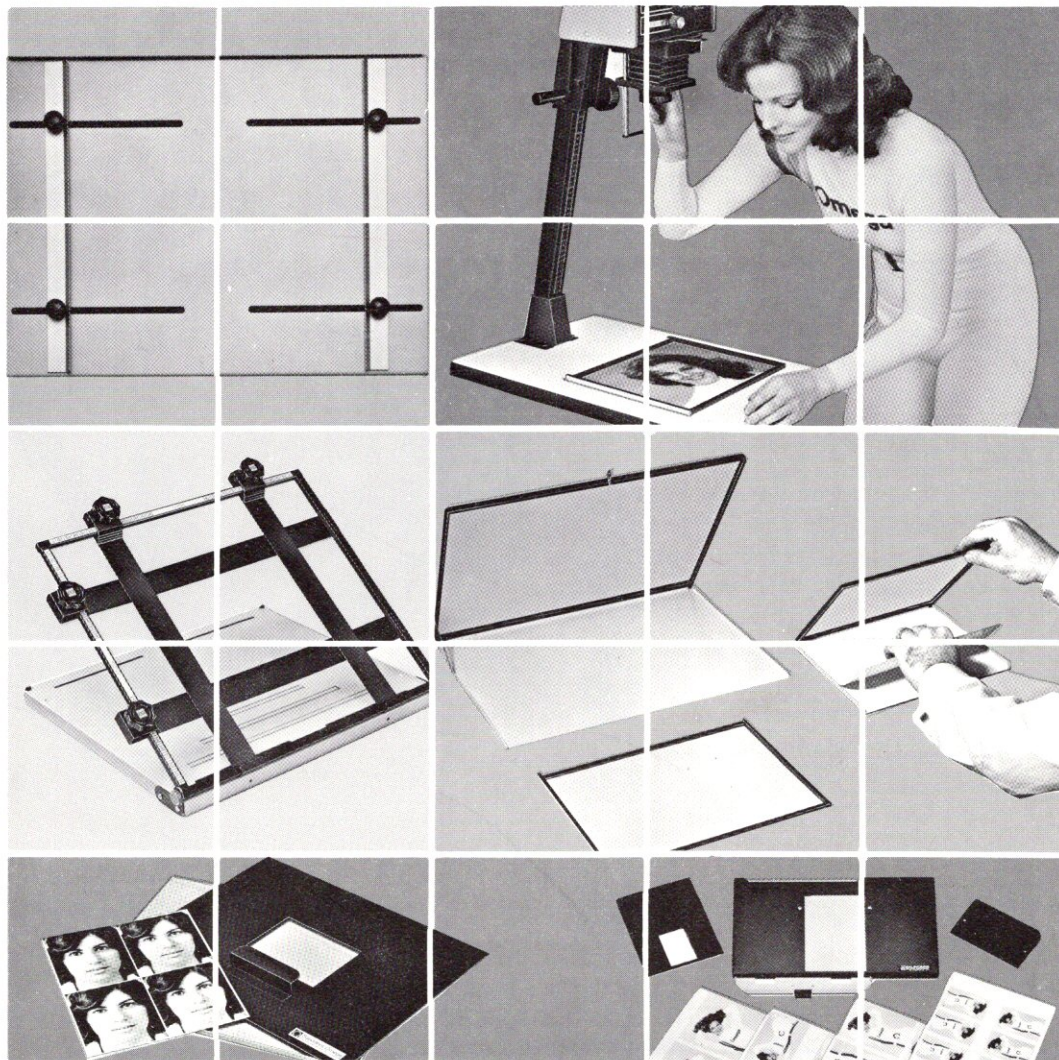
BERKEY MARKETING COMPANIES

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SAUNDERS/OMEGA

The World's Finest Enlarging Easels



Saunders/Omega easels have been the choice of professionals for over 30 years. They are a remarkable blend of practical engineering and the highest quality materials to meet the specific needs of the darkroom technician. Their design is simple and free of meaningless complications — with features that speed darkroom work. Each easel is hand assembled, adjusted and tested. They assure the user of operational ease, convenience, precision, and many years of satisfaction.

Saunders/Omega easels are the only enlarging easels tested, approved, and listed by the U.S. Government for use under adverse conditions.

A Saunders/Omega easel is heavy for its size. Its weight reflects the heavy gauge, quality materials particularly chosen for durability, reliability, and long life. Sturdy metal alloys and finishes are selected to withstand rigorous daily use. Specially treated materials provide a warp resistant, level base and a uniform paper plane for critically sharp enlargements.

The standard Focal Yellow color of the easel surface makes focusing easier and the soft color enables you to read delicate highlights in your negatives. It also absorbs actinic rays which cause fog and flare when reflected through the back of the paper.

Superior design, quality materials, care in manufacture and a 5-year warranty make Saunders/Omega easels the standard of the darkroom.

SAUNDERS/OMEGA

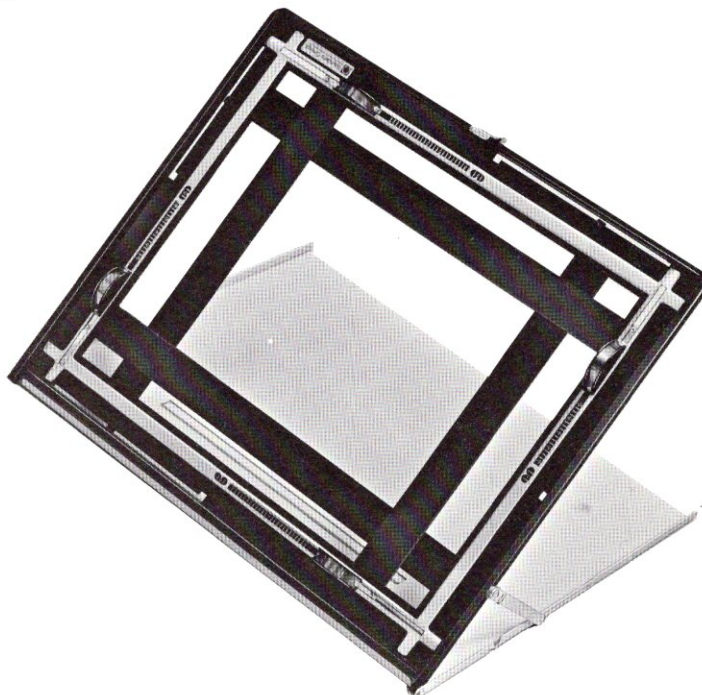
Adjustable Universal Easel

UA1417	14"x17" Easel	Cat. No. 465-021
UA1417	14"x17" Easel with extra heavy 1" base	Cat. No. 465-022
U1417B	14"x17" Easel (Black)	Cat. No. 465-171
UA1417B	14"x17" Easel with extra heavy 1" base (Black)	Cat. No. 465-172

The most popular Universal Easel in the world! Compact to take up less room on the baseboard yet accommodates full 14"x17" paper. The easel centers under enlarger lens, print is made in the middle of the easel. No jiggling on and off baseboard to make smaller sized prints. Blades hold the paper extremely flat and when set to size cannot be accidentally displaced. The Adjustable Universal Easel comes in two base styles, the standard and the 1" high for Autofocus as well as regular enlarger users who prefer an extra heavy easel base.

Key Features

- Heavy all-metal rust proof construction.
- Oversized rubber pads on bottom make easel skid-proof.
- Calibrated in inches. Metric calibrations are available.
- Four individually adjustable black processed stainless steel masking blades give borders from a hairline to 1 1/4" on paper up to 11"x14".
- Masking assembly is removable for fixed 3/16" borders on 14"x17" paper.
- Automatic click stop holds easel open at the right angle leaving both hands free for easy paper insertion.
- Lock tight paper slots, highly visible under safelight, register paper precisely along its greatest length, doing away with tricky hold downs.
- Focal Yellow color allows you to fast focus directly on easel base and prevents fog and flare.
- Also available in dull black finish.
- Accurate calibrations on each blade.



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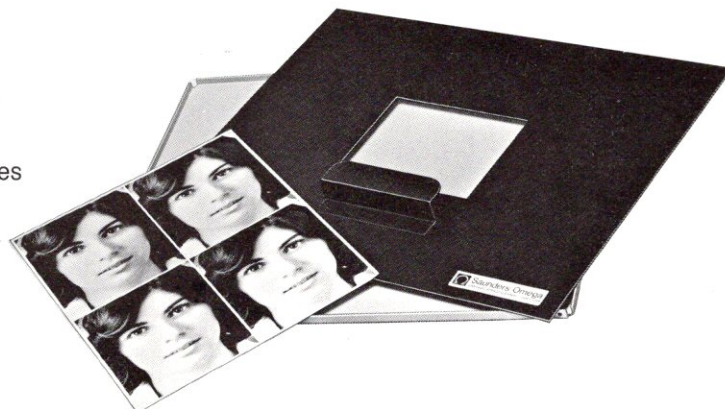
CP810 Proofing Easel

Cat. No. 465-033

Color Proofing Easel allows you to make four 4"x5" exposures on one 8"x10" sheet without moving the easel. It is ideal for making test prints with color calculators, full area ring arounds, and wedding proofs. Operation is as simple as lifting the aperture plate and sliding the paper into one of the corners of the base.

Key Features

- All steel, heavy duty construction.
- Aperture plate has special non-reflective finish of baked Armorall®.
- Each easel is hand fitted so that the aperture plate indexes for precise registration.
- Easel base is made of stretcher leveled steel, finished in Focal Yellow.
- Large non-skid pads.
- Oversize lifting handle.
- Hand fitted aperture plate.



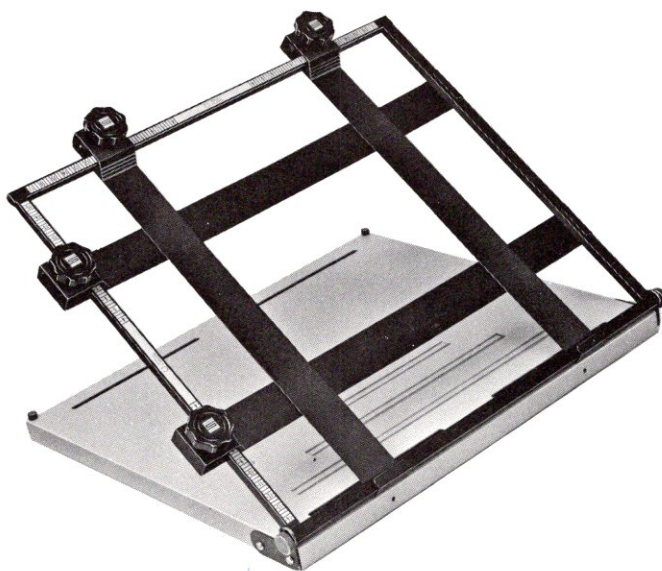
This Saunders Master Easel employs a new, patented concept of easel design, utilizing a system approach. Fully modular, it features a removable four-bladed precision masking frame allowing for the installation of either borderless paper retainers or a contact proofer.

The four-bladed configuration affords center-of-easel masking to keep the easel on the baseboard at all times, even when making very small enlargements. For long life and unexcelled performance, the blades are made from tempered stainless steel, a Saunders exclusive, finished with two coats of non-reflective baked Armorall.®

Precise registration is assured by the use of paper slots that support the paper along its full length to prevent skewing and resultant uneven borders.

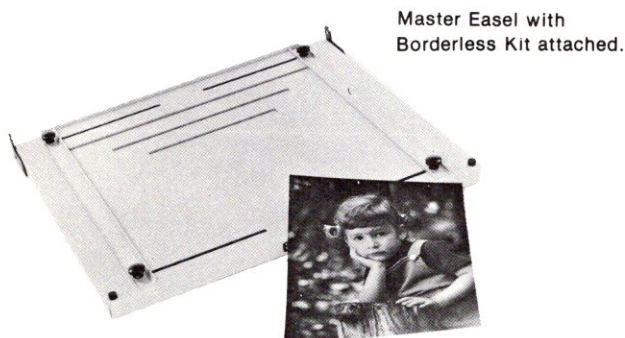
Key Features

- The base is made from 0.060 stretcher-leveled steel which ensures absolute flatness of the paper plane.
- Fully stepless border adjustments are made by means of patented friction clutch actuators operated by the large control knobs.
- Highly visible calibrated scales indicate blade position in increments of 1/8''
- Paper retainers that support the paper along its full length to assure precise registration and prevent skewing and resultant uneven borders.
- A patented automatic gravity-lock design holds the frame open for paper insertion and releases at the touch of a finger.
- Paper slots for standard 5''x7'', 8''x10'', and 11''x14'' papers. Correctly orients the paper with respect to the border scales.
- Extra-wide, stainless steel masking blades allow wide individual border adjustments, and hold paper flat.
- Four-bladed mask assembly is easily removed and replaced with accessory kits.
- Focal Yellow color allows you to fast focus directly on easel base and prevents fog and flare.



Borderless Kit For Master Easel Cat. No. 465-027

Kit converts the Master easel to an adjustable 11''x14'' borderless easel.

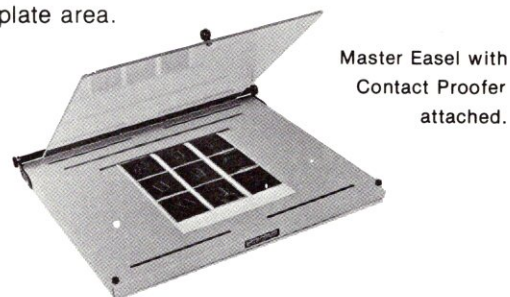


Key Features

- Kit consists of two paper retainers, a back bar and the required mounting hardware.
- Conversion takes less than a minute and requires no tools.

Contact Proofer For Master Easel Cat. No. 465-028

Converts Master Easel to Contact Proofer with oversize 13''x14'' plate area.



Key Features

- Ideal for proofing negatives, making contacts or for use as a document holder with your copy camera.
- The plate is made from DuPont acrylic AR® which combines superior optical qualities with a scratch-resistant surface.
- Conversion takes less than a minute and requires no tools.

SAUNDERS/OMEGA

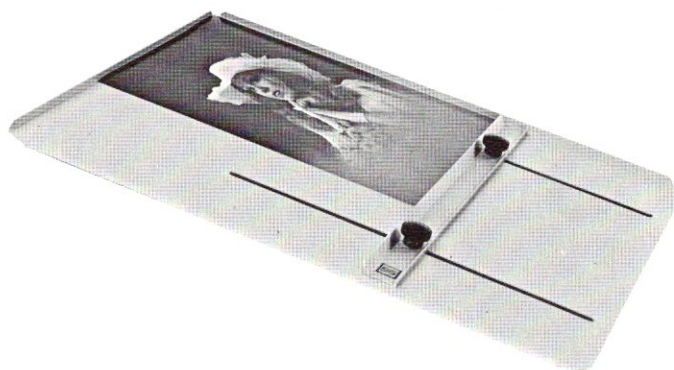
Standard Borderless Easel

BLS1114 11"x14" Easel Cat. No. 465-014

An economy version of our famous borderless easel, yet built with the same fine materials and hand craftsmanship. Accepts all paper sizes to 11"x14".

Key Features

- Fully adjustable for standard and non-standard paper.
- Anodized, hand finished, aluminum, adjustable paper retainer.
- Oversize, non-skid base pads.
- All metal stretcher-leveled base.
- Three sided paper support.
- Focal Yellow color allows you to fast focus directly on easel base and prevents fog and flare.



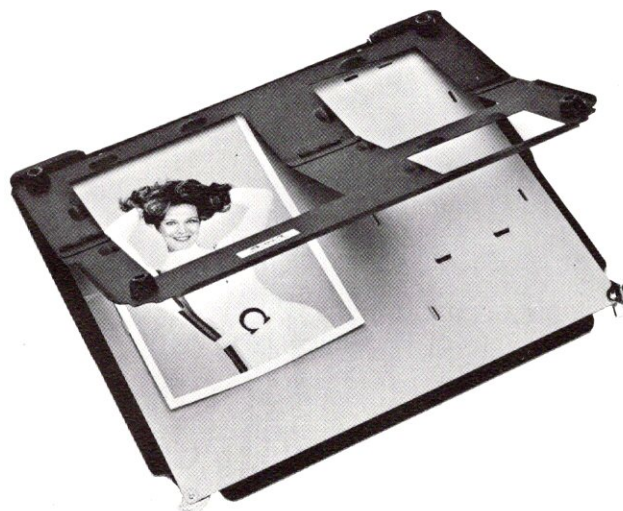
Omega[®]

4-In-1 Easel (Not made by Saunders) Cat. No. 465-040

The popular, all-in-one economy easel. Prints 2 1/4"x3 1/4", 3 1/2"x5", 5"x7" and 8"x10" formats. Fixed 1/4" borders. Double hinged frame. All metal construction.

Key Features

- All metal construction with durable enamel finish.
- Non-Skid feet.
- Double-hinged design for easy loading.
- Easel locks to secure masking frames.
- Focal Yellow color



SAUNDERS/OMEGA

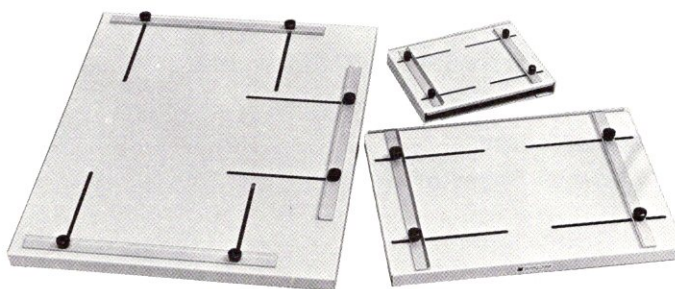
Deluxe Adjustable Borderless Easels

BL 810	8"x10" Easel	Cat. No. 465-010
BL1114	11"x14" Easel	Cat. No. 465-011
BL1620	16"x20" Easel	Cat. No. 465-012
BL2024	20"x24" Easel	Cat. No. 465-020
BL1114B	11"x14" Black Easel	Cat. No. 465-161

Saunders/Omega Deluxe Adjustable Borderless Easels are built for convenient and speedy operation. They solve the problem of borderless exposures without the use of adhesives, vacuum, or glass. They handle all kinds of paper. Paper insertion and removal in total darkness is fast and easy. All except BL2024 convert to single sized fixed border easels with the addition of QE adapters.

Key Features

- The cone of light retaining bars hold the paper flat and in perfect register. They are reversible for use with easel accessories.
- Sturdy steel reinforced base design (BL2024 has laminate construction).
- Exclusive oversize cork non-skid base pads.
- Deep anodized, extruded aircraft aluminum retainer bars. Each is individually hand polished.
- Fully adjustable for smaller sized prints.
- Accepts QE adapters to convert to single sized fixed border easels.
- 1" high base for Autofocus as well as regular enlargers.
- Focal Yellow color allows you to fast focus directly on easel base and prevents fog and flare.
- 11"x14" size available in Focal Yellow or dull black finish.



SAUNDERS/OMEGA

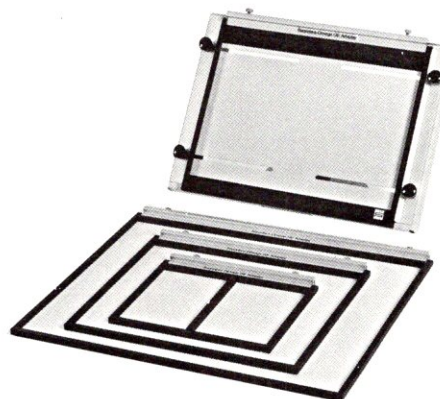
Quick Easel(QE)Adapters

5-In-1 QE Adapter	Cat. No. 465-051
810 QE Adapter	Cat. No. 465-052
1114 QE Adapter	Cat. No. 465-053
35mm Full Frame QE Adapter	Cat. No. 465-055

Available for use with Saunders/Omega Deluxe Adjustable Borderless Easels through 16"x20" and other easels of similar construction. They convert borderless easels to single sized easels with fixed 3/16" borders. Adapters are available in several formats to 11"x14"

Key Features

- Constructed from selected cold-rolled steel bar stock.
- All steel hand squared frame.
- Finished in non-reflective baked black enamel.
- Adapters attach by means of a hinged mounting bar made of anodized extruded aluminum.
- Adapter is retained by two unbreakable Delrin® thumb screws. Screws will not mar finish.
- Can be installed in seconds.
- 35mm QE adapter has special full frame 35mm format mask.



SAUNDERS/OMEGA

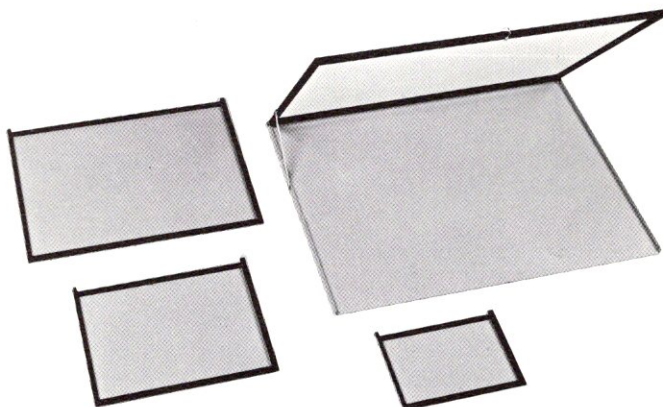
Single-Sized Easels

SLS 810	8''x10'' Easel	Cat. No. 465-002
SLS1114	11''x14'' Easel	Cat. No. 465-003
SLS1620	16''x20'' Easel	Cat. No. 465-004

Simple, durable fixed format easels for fast production work. Each easel takes one size paper only, provides a 3/16'' border, and is the fastest working precision easel made. Simply focus on base, insert paper and expose.

Key Features

- Fastest to use.
- Stretcher-leveled steel construction assures flat paper plane.
- Focal Yellow color allows you to fast focus and prevents fog and flare.
- Bottom and right hand frame bars are wider to self-adjust for undersized paper.
- Frame finished in non-reflective black enamel.
- Each frame is hand squared and fitted.
- Heavy non-skid base.
- Machined steel, hinged frame.



SAUNDERS/OMEGA

FW57 5-In-1 Easel

Cat. No. 465-001

Ideal for making several size prints with one easel.

Key Features

- Makes 3½''x5'', 4''x5'', 5''x5'', and 5''x7'' prints.
- Contains two fiber masks for making 2½''x3½'' wallet size prints on 3½''x5'' paper or 3½''x5'' prints on 5''x7'' paper.
- Spring loaded adjust-a-bar for varying print size.



Shown with Fiber Masks

SAUNDERS/OMEGA

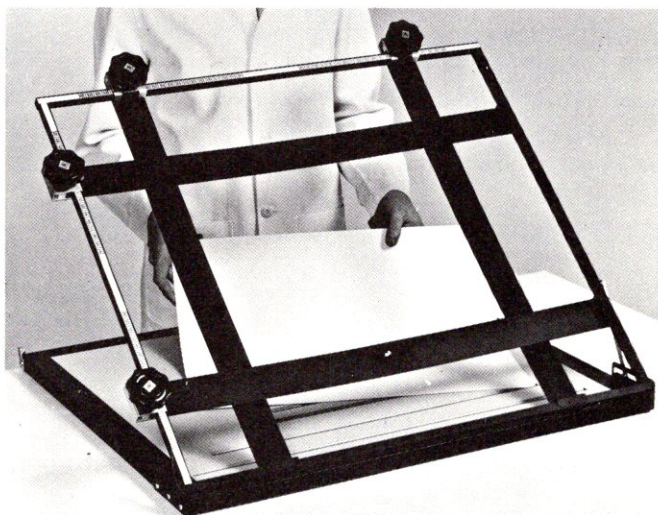
Heavy Duty Professional Easels

UA1620 16"x20" Easel Cat. No. 465-024
UA2024 20"x24" Easel Cat. No. 465-023

These adjustable, four-bladed easels have four stainless steel blades which mask toward the center for printing in the middle of the easel. No jiggling on and off the baseboard to make smaller size prints. Each blade is individually adjustable, makes even borders on all four sides of the paper from 0 to 2", or varies each border individually. Turn the knob with your fingertips and the blade glides effortlessly over the paper, stopping at any position along the calibrated bars. Full length paper slots in the base accommodate all paper sizes from 5"x7" to easel maximum. Smaller sizes can also be made. The slots hold and register the paper along its length doing away with tricky hold-downs. Paper insertion is fast, positive and easy.

Key Features

- Heavy warp resistant construction.
- Blades are stainless steel finished in black to avoid reflections.
- Each blade is individually and infinitely adjustable by patented no backlash friction clutch gliding over calibrating bars.
- Masking frame made of machined aircraft aluminum.
- Masking frame is held open by three-position lock hinge.
- Masking blades make borders from a hairline to 1-5/8" width (UA1620) and to 2" width (UA2024).
- Calibrated in inches. Metric calibrations available.
- Built and tested to meet all military and government specifications for durability, corrosion resistance and non-warp characteristics.
- Focal Yellow color allows you to fast focus directly on easel base and prevents fog and flare.
- Non-skid base.
- 1" high base for Autofocus as well as regular enlargers.



SAUNDERS/OMEGA

SLS35 Single Sized Publication Easel

Cat. No. 465-006

This easel lets you print uncropped full frame 35mm enlargements on 8"x10" paper. This is especially desirable when making prints to be submitted to a publication or advertising agency.

Key Features

- Masks paper to a perfect full frame 35mm enlargement (6-7/16"x9-5/8").
- The image shows the entire content of the 35mm negative, leaving cropping to the editor or client.
- In use, it operates like any other SLS easel.



SAUNDERS/OMEGA

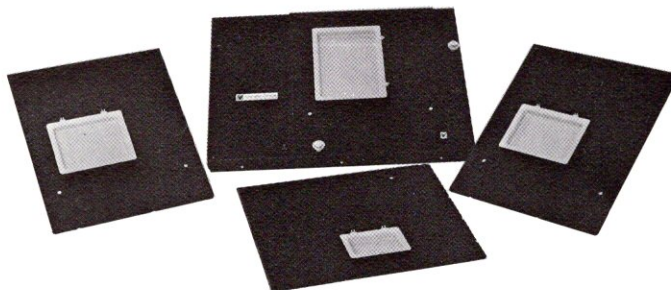
Print and Repeat Easel

PR810 8"x10" Easel Cat. No. 465-031

The fastest and most professional way of production printing at a fraction of the cost of even the least expensive roll easel. The PR810 is light tight and comes complete with four masks to make 5"x7", 4"x5", 3½"x5" and 2½"x3½" (wallet size) prints on 8"x10" paper. Makes multiple prints of one format or mixed formats, as desired. Light tight construction permits changing negatives and enlarger set-up under subdued light without removing paper from easel. Focus and compose only once then make subsequent exposures automatically by simply moving easel control knobs. Recessed, light tight covers permit focusing at the paper plane.

Key Features

- All steel construction. Easel is hand crafted and finished in non-reflective baked black enamel and Focal Yellow.
- Heavy, skid proof base assembly.
- Pin registered format masks provide quick interchangeability and precise print positioning.
- Paper carriage moves within easel so base remains stationary. Focus and compose only once.
- Automatic image positioning by means of click stop controls.
- Light tight construction.



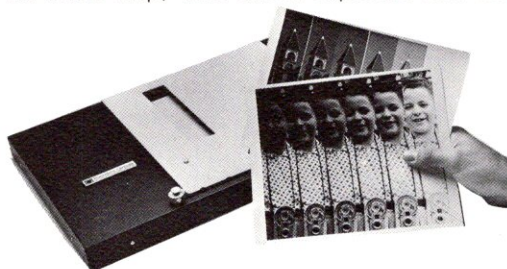
Accessory Proofing Attachment

Proofing Mask for PR810 Cat. No. 465-034

The Proofing Attachment is an accessory mask (without a hinged cup) for the PR810 easel that lets you print six 1½"x7½" test strip exposures of the same image area on a sheet of 8"x10" paper. It offers an important advantage over conventional methods of test-stripping, where different parts of the image appear on each strip. The sliding paper carriage of the PR810 allows you to expose the same selected portion of the image on each strip, thus direct exposure and color balance comparisons are possible.

Key Features

- Ideal for making both exposure and color balance tests.
- Permits 1½"x7½" exposures on a single 8"x10" sheet.



SAUNDERS/OMEGA

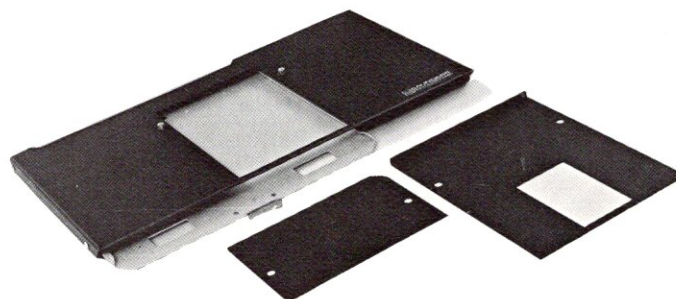
Multi-Size Easel

MP810 8"x10" Easel Cat. No. 465-032

An economy version of our professional Print and Repeat easel. Prints two 5"x7", four 4"x5", five 3½"x5", and six wallet size prints on standard 8"x10" paper. For sizes smaller than 5"x7", print top row and reverse paper to print bottom. Built-in paper positioning stops and ejection lever avoids having to touch emulsion. All steel and aluminum construction. Comes complete with masks.

Key Features

- Moving paper carriage with pin registration automatically positions paper for printing multiple images.
- Focal Yellow color allows you to fast focus directly on easel base and prevents fog and flare.
- Stainless steel paper ejection system will not damage edges or emulsion.
- Flared paper loading guides for fast, fumble-free loading.



Omega Division **BERKEY MARKETING COMPANIES**

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SAUNDERS/OMEGA

Print and Repeat Easel

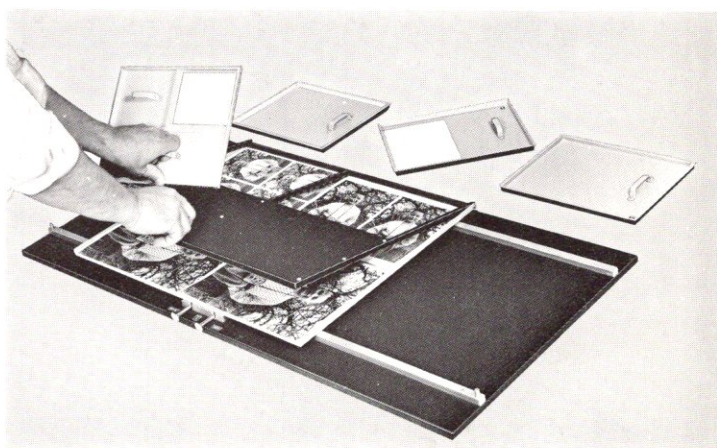
PR1620 16"x20" Easel Cat. No. 465-035

This easel has all the features of our PR810 but is different in design and operation. It will turn out duplicate, mixed or different size prints on 16"x20" paper, with all the quality and precision of roll easels costing hundreds of dollars more.

This easel, with the masking trays furnished, makes four 8"x10", eight 5"x7", sixteen 4"x5", thirty-two 2½"x3½" (wallet size prints). It is light-tight with the solid trays in position, and a subdued white light (25 watts) can be turned on in the darkroom to change the filter settings or negatives. Focusing is done on the bottom of the solid tray — no need to remove the paper from the easel.

Key Features

- Makes up to 32 images on 16"x20" paper.
- Light-tight paper carrier permits changing negatives and making enlarger adjustments under subdued (25W) white light.
- All steel and aluminum construction for year after year of heavy professional use. Thousands in use throughout the world.
- Focal plane is 1" high for use with autofocusing enlarger systems.
- Focal yellow color allows you to fast focus directly on easel base and prevents fog and flare.
- Light tight interchangeable format masks.
- Pin registered carriage positioning.



SAUNDERS/OMEGA

Vacuum Base Magnetic Distortion Control

Cat. No. 465-050

This accessory provides convenient on-easel perspective control. A typical application would be to straighten converging vertical lines in architectural shots. Simply place the easel on the distortion control, loosen the position lever, and tilt the easel to the desired angle.

Key Features

- Magnetic holding plate easily supports any steel-based easel up to 16"x20".
- Adjustable ball head mechanism permits tilting from 0° to 90° and 360° rotation.
- Patented accessory consists of a heavy die cast base assembly and an adjustable magnetic holding plate.
- Built-in lever operated vacuum lock to secure the assembly to the enlarger board.
- May be used as a "low boy" camera support by removing the holding plate to expose a 1/4"x20" tripod thread.



SAUNDERS/OMEGA

Comparison Chart

Cat. No.	Model	Description	Maximum Paper Size	Overall Dimensions †	Net Weight
465-001	FW57	5 Format	5"x7" (12.7x17.8cm)	5-1/2"x7"x1/8"	1 lb.
465-002	SLS810	Single Size 8"x10"	8"x10" (20.3x25.4cm)	8-1/4"x10-1/2"x1/8"	1 lb. 12 oz.
465-003	SLS1114	Single Size 11"x14"	11"x14" (27.9x35.6cm)	11-1/2"x14-1/4"x1/8"	3 lbs. 9 oz.
465-004	SLS1620	Single Size 16"x20"	16"x20" (40.6x50.8cm)	16-1/4"x20-1/4"x1/8"	6 lbs. 7 oz.
465-006	SLS35	Full Frame 35mm Format	8"x10" (20.3x25.4cm)	8-1/2"x10-1/4"x1/8"	1 lb. 13 oz.
465-010	BL810	Deluxe Adjustable Borderless	8"x10" (20.3x25.4cm)	8-1/2"x11-3/4"x1"	2 lbs. 1 oz.
465-011*	BL1114	Deluxe Adjustable Borderless	11"x14" (27.9x35.6cm)	12"x16"x1"	4 lbs. 4 oz.
465-014	BLS1114	Standard Adjustable Borderless	11"x14" (27.9x35.6cm)	12-1/2"x15-1/4"x1/4"	2 lbs. 13 oz.
465-012	BL1620	Deluxe Adjustable Borderless	16"x20" (40.6x50.8cm)	18"x23"x1"	9 lbs. 4 oz.
465-020	BL2024	Deluxe Adjustable Borderless	20"x24" (50.8x61.0cm)	23"x27"x1"	16 lbs.
465-021*	U1417	Adjustable Universal	14"x17" (35.6x43.2cm)	14-1/2"x17-1/4"x1/8"	6 lbs. 12 oz.
465-022*	UA1417	Adjustable Universal w/1" High Base	14"x17" (35.6x43.2cm)	14-1/2"x17-1/4"x1"	10 lbs. 4 oz.
465-024	UA1620	Heavy Duty Adjustable w/1" High Base	16"x20" (40.6x50.8cm)	20-1/4"x25-1/4"x1"	15 lbs.
465-023	UA2024	Heavy Duty Adjustable w/1" High Base	20"x24" (50.8x61.0cm)	26-3/4"x31"x1"	22 lbs.
465-026	UA1114	Master w/1" High Base	11"x14" (27.9x35.6cm)	17-1/2"x19-3/4"x1"	10 lbs. 4 oz.
465-031	PR810	Print and Repeat	8"x10" (20.3x25.4cm)	13-3/4"x18-1/2"x1"	12 lbs. 4 oz.
465-032	MP810	Multi-Print	8"x10" (20.3x25.4cm)	10"x15-1/2"x1/4"	3 lbs. 4 oz.
465-033	CP810	Proofing Easel	8"x10" (20.3x25.4cm)	12"x15-1/8"x1/8"	6 lbs. 2 oz.
465-035	PR1620	Print and Repeat	16"x20" (40.6x50.8cm)	19"x36"x1"	24 lbs.

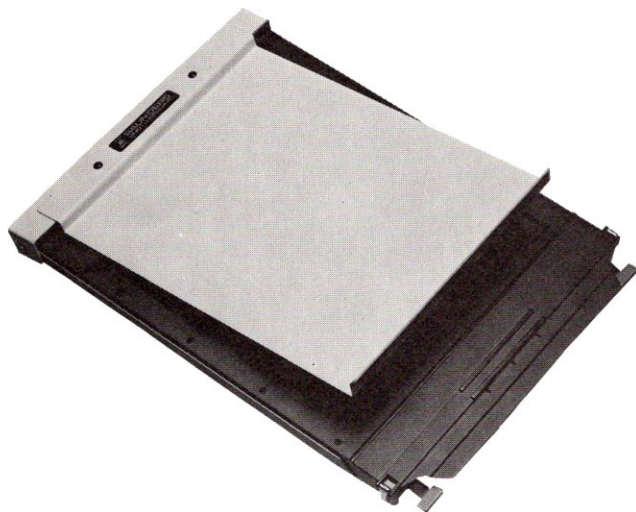
*Also available in black.

†Height given to paper plane.

SAUNDERS / OMEGA

Instant Print Enlarging Easel

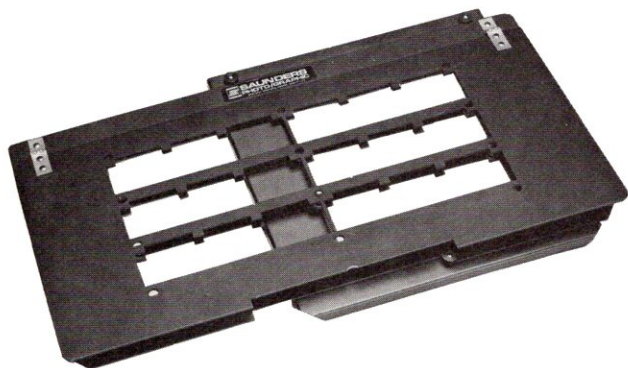
Cat. No. 465-060



SAUNDERS

Rapid Master 35mm Proofing Carrier

Cat. No. 465-070



SAUNDERS / OMEGA

enlarging easels

The Saunders/Omega Instant Print Easel accepts the Polaroid™ 8" x 10" system for printing instant full color 8" x 10" enlargements from transparencies.

Key Features

- Heavy steel base design with hinged light tight focusing cover
- Skid proof pads maintain easel position during use
- Focusing cover allows convenient composition and critical focusing
- Uses Polaroid™ Model 81-05 8" x 10" Film Holder

™ Polaroid is a registered trademark of Polaroid Corp.

The Rapid Master is a unique film carrier for Omega "D" series 4" x 5" enlargers that permits the user to print up to nine enlarged projected proofs from 35mm film. The Rapid Master makes reading proof sheets simpler and more accurate.

Key Features

- Accepts three strips of six 35mm negatives
- 2x or more magnification depending on size paper used
- Hard anodized aircraft aluminum construction assuring long life and trouble free service
- Negative frame numbers printed with proofs for fast reference between negatives and proofs
- Proof sizes are:
 - 1-7/8" x 2-3/4" (1.9x) on 8" x 10" paper.
 - 2-1/2" x 3-3/4" (2.6x) on 11" x 14" paper.
 - 5-1/2" x 3-5/8" (3.8x) on 16" x 20" paper.

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COMPARISON CHART

**SAUNDERS /
OMEGA**
enlarging easels

Cat. No.	Model	Description	Maximum Paper Size	Overall Dimensions †	Net Weight
465-001	FW57	5 Format	5"x7" (12.7x17.8cm)	5-1/2"x7"x1/8"	1 lb.
465-002	SLS810	Single Size 8"x10"	8"x10" (20.3x25.4cm)	8-1/4"x10-1/2"x1/8"	1 lb. 12 oz.
465-003	SLS1114	Single Size 11"x14"	11"x14" (27.9x35.6cm)	11-1/2"x14-1/4"x1/8"	3 lbs. 9 oz.
465-004	SLS1620	Single Size 16"x20"	16"x20" (40.6x50.8cm)	16-1/4"x20-1/4"x1/8"	6 lbs. 7 oz.
465-006	SLS35	Full Frame 35mm Format	8"x10" (20.3x25.4cm)	8-1/2"x10-1/4"x1/8"	1 lb. 13 oz.
465-010	BL810	Deluxe Adjustable Borderless	8"x10" (20.3x25.4cm)	8-1/2"x11-3/4"x1"	2 lbs. 1 oz.
465-011*	BL1114	Deluxe Adjustable Borderless	11"x14" (27.9x35.6cm)	12"x16"x1"	4 lbs. 4 oz.
465-014	BLS1114	Standard Adjustable Borderless	11"x14" (27.9x35.6cm)	12-1/2"x15-1/4"x1/4"	2 lbs. 13 oz.
465-012	BL1620	Deluxe Adjustable Borderless	16"x20" (40.6x50.8cm)	18"x23"x1"	9 lbs. 4 oz.
465-020	BL2024	Deluxe Adjustable Borderless	20"x24" (50.8x61.0cm)	23"x27"x1"	16 lbs.
465-021*	U1417	Adjustable Universal	14"x17" (35.6x43.2cm)	14-1/2"x17-1/4"x1/8"	6 lbs. 12 oz.
465-022*	UA1417	Adjustable Universal w/1" High Base	14"x17" (35.6x43.2cm)	14-1/2"x17-1/4"x1"	10 lbs. 4 oz.
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465-031	PR810	Print and Repeat	8"x10" (20.3x25.4cm)	13-3/4"x18-1/2"x1"	12 lbs. 4 oz.
465-032	MP810	Multi-Print	8"x10" (20.3x25.4cm)	10"x15-1/2"x1/4"	3 lbs. 4 oz.
465-033	CP810	Proofing Easel	8"x10" (20.3x25.4cm)	12"x15-1/8"x1/8"	6 lbs. 2 oz.
465-035	PR1620	Print and Repeat	16"x20" (40.6x50.8cm)	19"x36"x1"	24 lbs.

*Also available in black.

†Height given to paper plane.

Rotary Time Dial

Luminous Display

Three-Position
Function Switch

Enlarger Receptacle



Omega®

CT-10 Enlarging Timer

The Omega CT-10 Darkroom Timer provides the performance of high-priced electronic timers at the low cost of mechanical models . . . it's the lowest priced electronic enlarging timer in the photographic market. Luminous numerals and indicator make this timer easy to use, for the beginner or the experienced darkroom enthusiast. The CT-10 is designed for precise exposure control and print consistency for color or black-and-white.

Key Features

- Timer range from 1 to 90 seconds in one second intervals — suitable for most darkroom enlarging requirements.
- Highly visible luminous numerals and function indicator easily located in the dark.
- Single three-position function switch initiates all timer functions — focus, off, print.
- Designed to handle lamp load of most enlargers.
- Three-wire grounded line cord for safety. Completely insulated, fire retardant molded plastic case.

Technical Specifications

Timing Range 1 to 90 sec. in 1 sec. intervals
 Accuracy $\pm \frac{1}{4}$ sec. 90 sec. range
 Maximum Enlarger Load 500 W (85W Tungsten)
 Electrical Requirements 100-130 VAC/60 Hz.
 Dimensions 6"x6"x3" (150x150x75cm)
 Weight 30 oz. (850g)
 Safety Compliance U.L. listing applied for

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OMEGA DIVISION

BERKEY MARKETING COMPANIES

25-20 Brooklyn-Queens Expressway West, Woodside, NY 11377
 3400 East 70th Street, Long Beach, CA 90805



Omega®

CT-30 Pro-Lab Timer

The Omega CT-30 Pro-Lab Timer is a multi-purpose, clock-face type darkroom timer that offers professional features at a price any darkroom enthusiast can afford. It combines versatility, practicality and convenience with audible timing signals, front mounted controls and luminous, easy-to-read numerals, hand and dial. The CT-30 controls all enlarging exposure and processing times . . . up to 60 minutes . . . maintaining critical accuracy and repeatability.

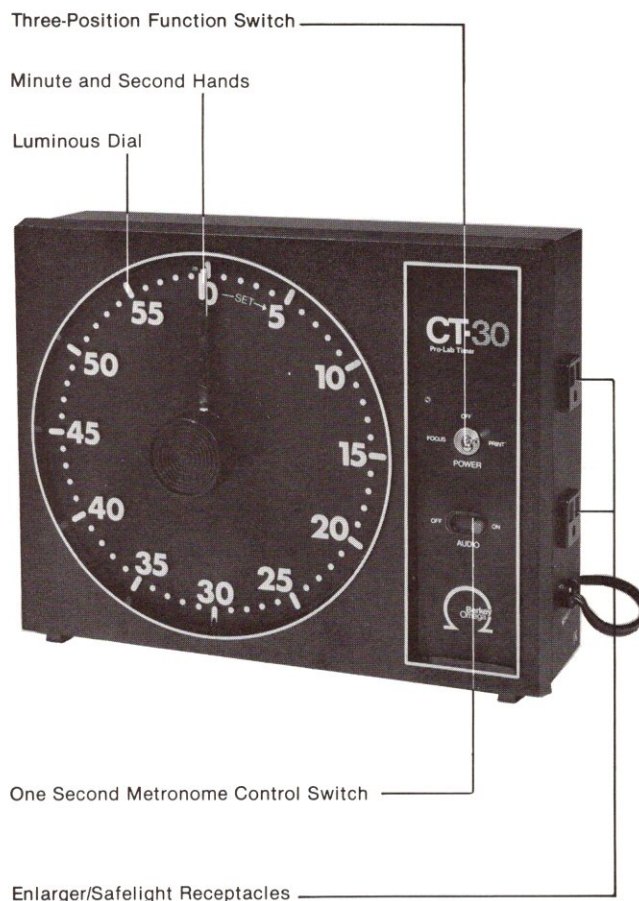
Key Features

- Alarm buzzer signals completion of a time sequence. Audible mechanical tick marks one second intervals for second-to-second print exposure manipulation.
- Large easy-to-read dial, numerals, and hands treated with luminous coating for maximum visibility in the dark.
- All function controls located on front panel for user convenience.
- Power cord and dual output receptacles located at side of CT-30 for convenience and safety. Dual outlets for easy use of enlargers/safelights, motorbases, etc.
- Designed to handle lamp load of most enlargers and safelights.
- Timer back has key slots for easy wall mounting.
- Three-wire cord and metal case grounded for safety.

Technical Specifications

Timing Range 1 sec.-60 min. in 1 sec. increments
 Accuracy and Repeatability . . . $\pm \frac{1}{4}$ sec. 60 min. range
 Maximum Enlarger Load 875 W
 Maximum Safelight Load 875 W
 Electrical Requirements 100-130VAC/60 Hz.
 Dial 8½"
 Dimensions 9⅝" x 12¼" x 3¾" (240x311.2x94mm)
 Weight 4½ lbs. (2.25kg)
 Safety Compliance U.L. listing applied for

Cat. No. 464-230



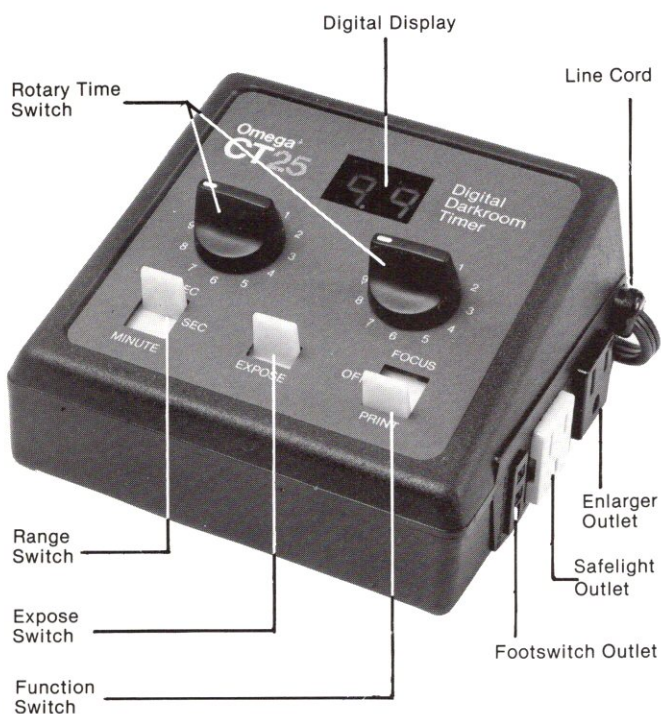
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 3400 East 70th Street, Long Beach, CA 90805





Optional Accessory Footswitch (Cat. No. 461-060)

Omega[®]

CT25 Audible Digital Darkroom Timer

The Omega CT25 is an all-purpose Audible Digital Darkroom Timer designed to fulfill the exacting exposure and timing requirements of color or black and white printing and photo chemical processing. It offers three timing ranges in tenths of a second, seconds and minutes (or combinations) with an extended range in minutes for processing steps with remaining time highly visible on a large L.E.D. digital display.

Audible countdown is automatically introduced in both the second and minute ranges of exposure time. It offers excellent timing accuracy and repeatability so vital for precise exposure control and print consistency as well as print processing.

A convenient footswitch is available as an optional accessory for remote operation. In addition, for ease of dodging and burning-in techniques, the time functions can be terminated and reset during the timing sequence.

Key Features

- 100% solid state.
- Audible signal every second and/or minute.
- Highly visible luminous numerals and function indicators are easily located in the dark.
- Only actual time setting is visible, on the L.E.D. readout.
- Grounded line cord for safety.
- Handles lamp load of most enlargers and safelights.
- Accepts (optional) accessory footswitch.
- Perfect companion to Omega CS10 Exposure Comparator.

Technical Specifications

Timing 0.1-9.9 seconds in .1 second increments
 1-99 seconds in 1 second increments
 1-99 minutes in 1 minute increments

Maximum Enlarger Capacity 500W Tungsten

Maximum Safelight Capacity 300W Tungsten

Electrical Requirements 105-125VAC/60 Hz.

Power Consumption 5W (Timer only)

Timing Accuracy $\pm .01\%$ at 1 second relative to power frequency

Timing Repeatability . . . $\pm .005\%$ at 1 second relative to power frequency

Readout 2 digits $\frac{1}{2}$ " high, L.E.D.

Dimensions 6x6x3.25"
 (15.2x15.2x8.3cm)

Weight 2 lbs. (.9kg) approximately

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OMEGA DIVISION

BERKEY MARKETING COMPANIES

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 3400 East 70th Street, Long Beach, CA 90805



Omega®

CT20 Audible Enlarging Timer

The Omega CT20 Audible Enlarging Timer is designed to fulfill the exacting exposure requirements of color or black and white printing. The CT20 offers excellent timing accuracy and repeatability so vital for precise exposure control and print consistency.

A convenient footswitch is available, as an optional accessory, for remote operation and ease of dodging and burning-in.

Key Features

- 100% solid state.
- Audible signal every second.
- Two timing ranges.
- Highly visible luminous numerals and function indicators are easily located in the dark.
- Only actual time setting is visible, simulating digital readout.
- Grounded line cord for safety.
- Handles lamp load of most enlargers and safelights.
- Accepts (optional) accessory footswitch.
- Perfect companion to Omega CS10 Exposure Comparator.

Technical Specifications

Timing Range 0.1 to 9.9 in 0.1 second intervals,
and 1 to 99 seconds in 1 second intervals

Maximum Enlarger Capacity 300W

Maximum Safelight Capacity 100W

Electrical Requirements 105-125VAC/60 Hz

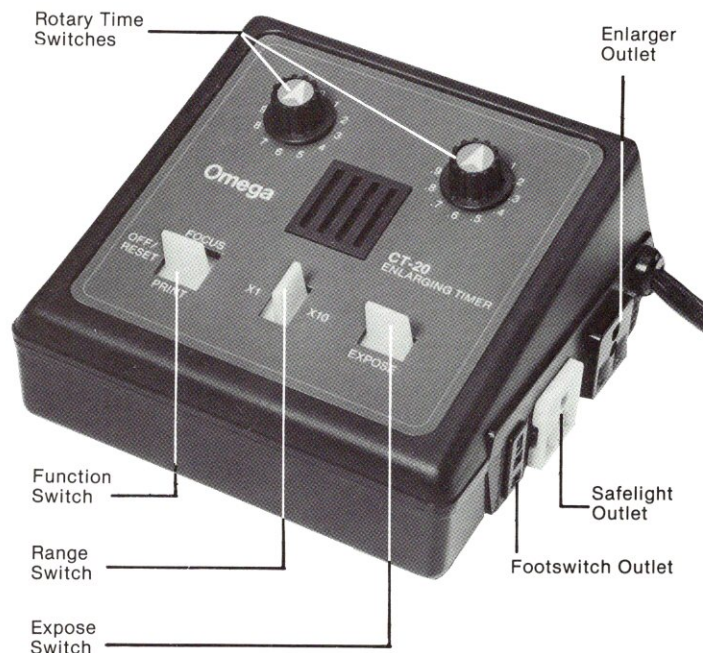
Power Consumption 5W

Accuracy $\pm 3\%$

Dimensions 6x6x2" (15.2x15.2x5.1cm)

Weight 2 lbs. (907gm)

Cat. No. 464-200



Optional Accessory Footswitch (Cat. No. 461-060)

BMC OMEGA DIVISION
BERKEY MARKETING COMPANIES
25-20 Brooklyn-Queens Expressway West, Woodside, NY 11377
3400 East 70th Street, Long Beach, CA 90805



Omega[®]

CT-40 Digital Darkroom Timer/Controller

Electronic, digital, programmable darkroom instrumentation is here. The Omega CT-40 is, in fact, a powerful computer which establishes new standards of precision and automation in the darkroom. Yet the user maintains complete flexibility and control. Even in its basic form — without accessories — the CT-40 is a versatile, fully programmable multi-purpose device for enlarger timing, for process control and even telling time with uncommon precision. Simply plugging-in the expansion interface adds a control program for the Kodak Ektaflex[®] process and an ingenious self-diagnostic program. But this is only the beginning. A wide and growing selection of cartridges automatically program the unit for different processes. A selection of additional plug-in accessories expands its capabilities to functions including automatic exposure meter, ph meter and temperature monitor!

Key Features

- Precision microprocessor control of all basic and accessory functions, programmable with keyboard or automatically, with cartridges.
- Accepts programs with as many as 17 individual steps, each coupled to user's choice of seven functional audio modes. Ideal for all popular programs, accepts user modifications.
- Can be programmed to stop at the end of each process step, or to pause 10 seconds, then continue automatically.
- Touch sensitive keyboard with highly luminous keyboard and function display. Audible tone sounds to indicate that a command has been received by the microprocessor.
- Large LED display indicates time elapsing (in either minutes-seconds or seconds-tenths of seconds), current sequence step (when in program mode), visual confirmation of audible tone sequence selected. Also a precise digital quartz clock.
- Exceptional accuracy — $\pm 0.5\%$ — for even the most critical processes, such as E-6 and C-41.
- Timer may be stopped and restarted without loss or increase of time — no cumulative error factor.
- Handles lamp load of most enlargers and safelights. Can also automatically control semi-automatic processors, etc.
- Footswitch jack for single or dual-footswitch operation.
- Three-wire grounded cord for safety.

Technical Specifications

Timing Range . . . 0.1 sec. to 9 min. 99.9 sec. in 0.1 sec. intervals
 . . . 1 sec. to 99 min. 99 sec. in 1 sec. intervals
Accuracy $\pm 0.5\%$
Maximum Enlarger Load 600 W (500 W Tungsten)
Maximum Safelight Load 600 W (100 W Tungsten)
Electrical Requirements 105 to 125 VAC/60 Hz
Dimensions 7.4x9.4x3.2" (185x235x80mm)
Weight 3 lbs. (1.4kg)
Safety Compliance U.L. listing applied for

Enlarger/Safelight
Receptacle (not shown)

Digital LED Display

Expansion Interface Receptacle
(not shown)



Luminous Touch-Sensitive Keyboard

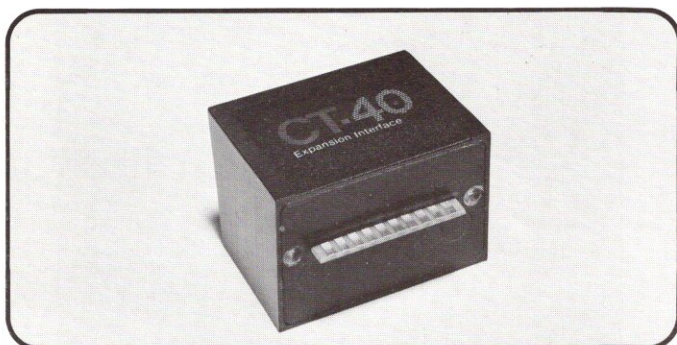
Time of Day Clock Control



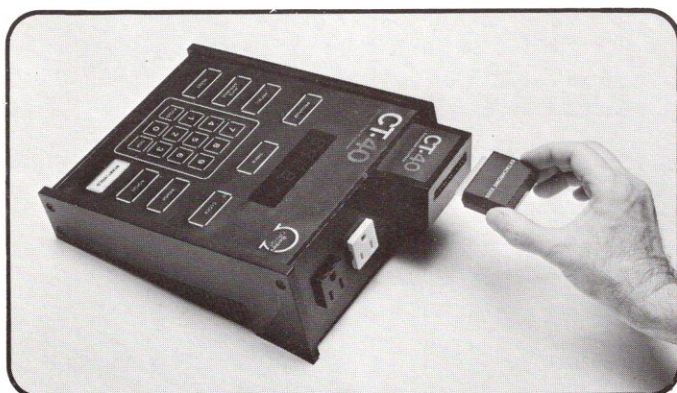
The CT-40 is a complete modular darkroom control center.

Omega[®]

CT-40 Accessories



The Expansion Interface connects accessories and is also a dual-function program module.

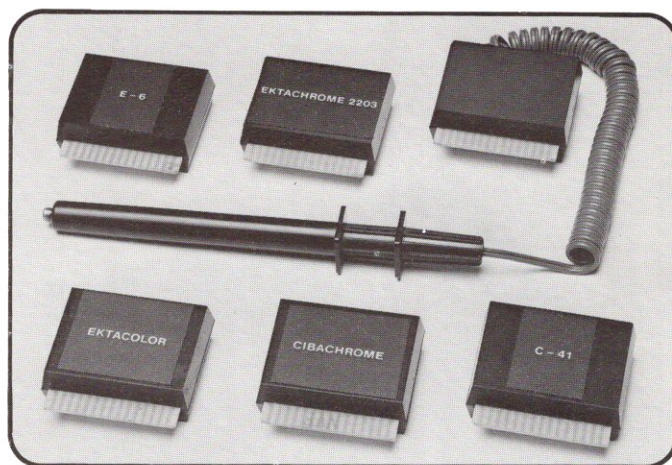


Plugging-in the Expansion Interface allows the CT-40 to accept a wide array of accessories.

Expansion Interface

Cat. No. 464-241

Because the CT-40 is modular, with virtually unlimited capacity for expansion, it is immune to obsolescence. The Expansion Interface is a key element in this modularity. It is, as the name suggests, an interface between the basic CT-40 and the growing array of process cartridges and accessory devices. Beyond this, it is itself a dual-function program module. When the "Operate" button is touched once, the module performs a complete system check of the CT-40, including all 17 program steps, all digits and indicators, and runs through a 10-second timing check — all in 20 seconds! When the button is touched a second time, the CT-40 is automatically programmed to time the Kodak Ektaflex[®] process — no need for a separate cartridge.



The array of CT-40 accessory cartridges and probes is growing to include all popular processes and more instrumentation functions.

Memory Cartridges and Probes

Cat. No.	Description
464-242	Centigrade/Fahrenheit Temperature Probe
464-243	PH Indicator Probe
464-244	Exposure Control Probe
464-245	Ektachrome [®] R-14 Tube Paper Process Cartridge
464-246	Ektachrome [®] Two-Step Tube Paper Process Cartridge
464-247	Ektachrome [®] E-6 Film Process Cartridge
464-248	Cibachrome [®] P-30 Process Cartridge

Users can manually program the CT-40 for any process, using the keyboard. But for maximum simplicity and obsolescence-proof convenience, a pre-programmed Memory Cartridge can be simply plugged-in. Cartridges are available for most processes, with more to come. In many cases, two or more variations on the process — times for different temperatures, for example — are included on the same cartridge (the ROM memory chip in each cartridge has a capacity of about 60 steps.) The user can also make custom alterations in any program once it is loaded into the timer memory. (A blank RAM cartridge, which can be used to store an elaborate custom program while the CT-40 is being used for other purposes, will be available in the near future.)

A selection of accessory probes equips the CT-40 for a variety of other functions — each of which would ordinarily require a separate, expensive instrument. Yet the CT-40 itself, the cartridges and probes are all remarkably moderate in price. The Temperature Probe will display 0° to 50°C or 32° to 122°F, with an accuracy of 0.4° F. The PH Probe permits getting maximum use out of fixers and other chemicals, without danger of working with exhausted solutions. The Exposure Control Probe makes the CT-40 an enlarging exposure meter/timer permitting automatic adjustment of either the exposure time or working with a fixed time, and adjusting the lens aperture. And there are more probes to come!

Ektachrome and Ektachrome are trademarks of Eastman Kodak Company.

Cibachrome is a trademark of Ilford, Inc.

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BERKEY MARKETING COMPANIES

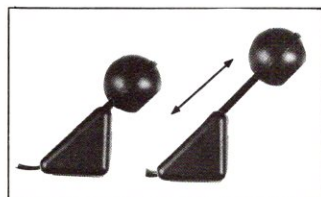
25-20 Brooklyn-Queens Expressway West, Woodside, NY 11377
3400 East 70th Street, Long Beach, CA 90805



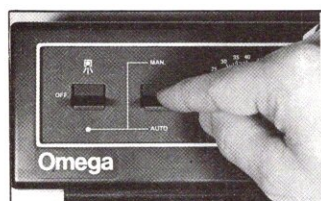
Omega CS-25 Automatic Exposure Control

The Omega CS-25 Automatic Exposure Control provides the convenience of fully automatic integrated exposure. When properly programmed, the CS-25 produces beautifully exposed prints in color or black and white.

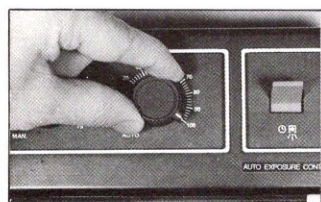
The CS-25 monitors the light reflecting from the paper surface during actual exposure and automatically switches the enlarger lamp off when just the right amount of light has exposed the paper. The CS-25 automatically compensates for adjustments in filtration, magnification, or lens aperture.



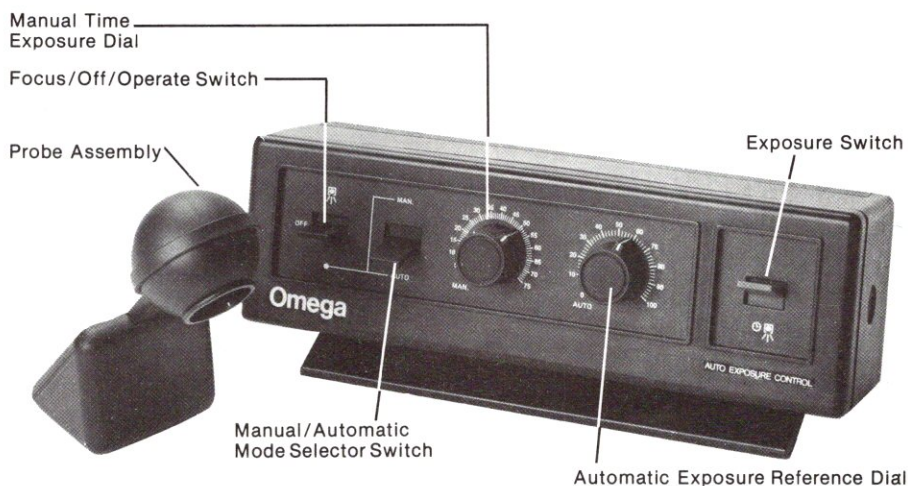
Probe height is adjustable for different height easels.



Choice of Manual or Automatic Timing mode operation.



Built-in reference scale for programming various print materials.



Key Features

- Reflected light area reading probe.
- Automatically controls enlarger exposure during printing regardless of changes in aperture, magnification, filtration or film density.
- Probe measures light during actual exposure for perfect prints with color and black and white materials.
- Choice of Manual or Automatic timing modes.
- Can be wall mounted.

Technical Specifications

Reflected Reading Area: 3½" x 5" oval

Time Control:

Manual: 2-75 seconds

Automatic: 2-100 seconds minimum

Accuracy: ± 6% of setting

Repeatability: ± 2% of setting

Maximum Lamp Switching Capacity: 150 Watts or 85 Watts T Rating

Line Input: 120/230 VAC, 50/60 Hz.

Dimensions: 4¼" x 10½" x 3¼" (10.8x26.7x8.3cm)

Shipping Weight: 2 lbs. 13½ oz. (1.28 kg.)

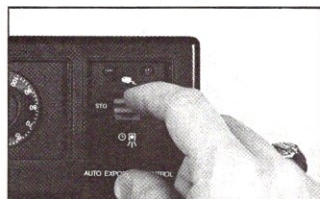
Omega CS-50 Automatic Exposure Control

The Omega CS-50 Auto Exposure Control provides the convenience of fully automatic spot exposure determination and contrast measurement. Once properly programmed, the CS-50 will produce perfectly exposed color and black and white prints.

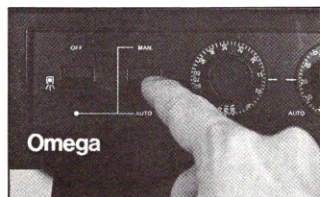
With the CS-50 there is no need to calculate exposure adjustments when changing filtration, magnification, or lens aperture. The CS-50 Automatic Exposure Control is ideal for use with virtually any print material and can be used with most enlargers (see specifications for details).



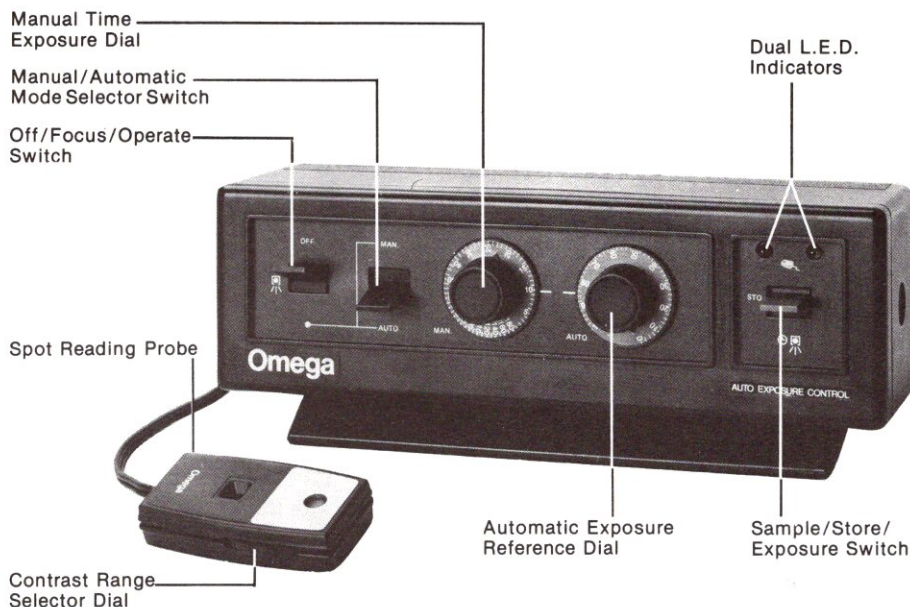
21-position dial to determine paper grade in black and white printing.



Dual L.E.D.'s allow aperture or exposure time preferred operation.



Choice of Automatic or Manual time control modes.



Key Features

- Incident light spot reading probe.
- Choice of Automatic or Manual time control modes.
- Choice of two automatic operation modes: Aperture preference with automatic time reference, or exposure time preference via dual L.E.D. indicators.
- Fast, easy programming.
- Built-in memory stores correct exposure data for single or multiple prints.
- Silicon blue cell detector.
- Contrast measurement for optimum black and white print results.
- Ideal for use with virtually all color and black and white print materials.
- Can be wall mounted.
- UL listed for safety.

Technical Specifications

Spot Reading Aperture: 4.5mm

Time Control:

Manual: 1-180 seconds via 60-position click stop dial
Automatic: .1-180 seconds minimum
Accuracy: $\pm 5\%$ of setting
Repeatability: $\pm 2\%$ of setting

Maximum Lamp Switching Capacity: 250 Watts or 85 Watts T Rating

Line Input: 120/230 VAC, 50/60 Hz.

Memory: 5 minutes

Dimensions: 4 1/4" x 10 1/2" x 3 1/4" (10.8x26.7x8.3cm)

Shipping Weight: 2 lbs. 12 1/2 oz. (1.26 kg)



Omega®

CS50 Automatic Exposure Control / Timer

The Omega CS50 Auto Exposure Control provides the convenience of fully automatic spot exposure determination and contrast measurement. Once properly programmed, the CS50 will produce perfectly exposed color and black and white prints.

With the CS50 there is no need to calculate exposure adjustments when changing filtration, magnification, or lens aperture. The CS50 Automatic Exposure Control is ideal for use with virtually any print material and can be used with most enlargers.

Key Features

- Incident light spot reading probe.
- Choice of Automatic or Manual time control modes.
- Choice of two automatic operation modes: Aperture preference with automatic time reference, or exposure time preference via dual L.E.D. indicators.
- Fast, easy programming.
- Built-in memory stores correct exposure data for single or multiple prints.
- Silicon blue cell detector.
- Contrast measurement for optimum black and white print results.
- Ideal for use with virtually all color and black and white print materials.
- Can be wall mounted.
- UL Listed for safety.

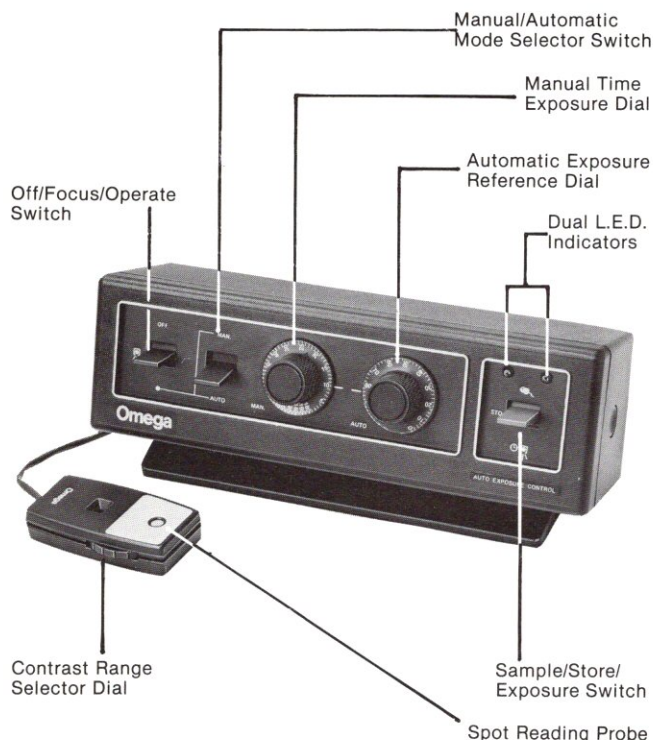
Technical Specifications

Spot Reading Aperture	4.5mm
Time Control	Manual: 1-180 seconds via 60-position click stop dial Automatic: 1-180 seconds minimum
Time Accuracy	± 5%
Time Repeatability	± 2%
Maximum Lamp Switching Capacity	250W
Line Input	120/230 VAC, 50/60 Hz.
Memory	5 minutes
Dimensions	4 1/4 x 10 1/2 x 3 1/4" (10.8x26.6x8.3cm)
Shipping Weight	2 lbs. 12 1/2 oz. (1.26kg)

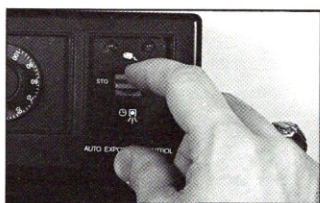
BMC

OMEGA DIVISION

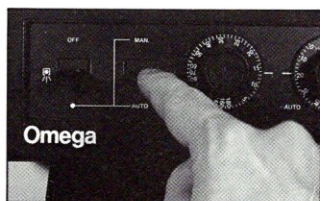
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21-position dial to determine paper grade in black and white printing.



Dual L.E.D.'s allow aperture or exposure time preferred operation.



Choice of Automatic or Manual time control modes.

Omega[®]

SCA 100 Color Analyzer

The most practical and economical method of achieving consistent, high quality color print results, is with the use of an electronic color analyzer. Programmed to read the variations of density and color balance from a known standard film and paper emulsion combination, the Omega SCA 100 helps make color printing far simpler, and significantly reduces the need for costly and time-consuming test printing.

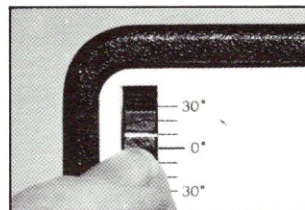
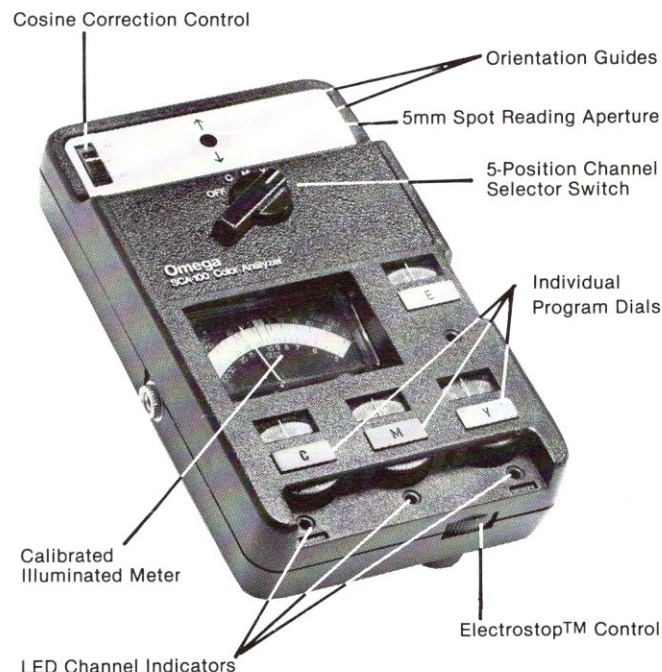
Key Features

- Silicon blue cell photodetector offers greater range of linear response, freedom from cell "memory" and light shock damage, greater stability and operating life, improved repeatability and consistency.
- Solid state circuitry assures exceptional linearity, accuracy, dependability and reliability.
- White target area makes location of reference spot easy and convenient.
- 5-position channel selector switches unit from off to each of the four operating channels, Cyan, Magenta, Yellow and Exposure.
- Electrostop[™] Control adjusts the overall color sensitivity of the analyzer with no effect on the stored program.
- L.E.D. color-coded indicators indicate the channel in operation for ease of use under darkroom lighting conditions.
- Individual program dials with reference scales makes program resetting easy and convenient.
- Convenient one-piece design offers professional features usually found in larger more expensive analyzers.
- UL listed for safety.

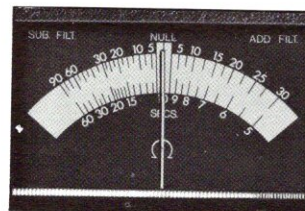
Technical Specifications

Reading Aperture 5mm Reading Aperture
Sensitivity Range More than 6 f/stops
Probe Built-in cosine correction to $\pm 30^\circ$ off the lens optical axis
Meter Illuminated, 2 1/2" anti-static coated
Filtration Range ... + 30 - 90cc Cyan, Magenta, Yellow
Exposure Time Range 5-60 seconds
Warm-Up Instantaneous
Power Consumption 8W
Line Input (Domestic) 120VAC, 50/60 Hz.
(Export) 230VAC, 50 Hz. (Cat. No. 414-103)
Dimensions 6 1/8 x 3 5/8 x 1 1/2" (92x158x40mm)
Shipping Weight 2 lbs. (1kg)

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Cosine Correction to $\pm 30^\circ$ off the optical axis of the lens.



Illuminated meter calibrated in cc's and seconds.

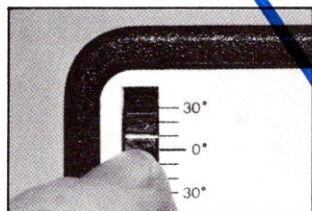


Electrostop[™] Control adjusts the sensitivity of the analyzer.

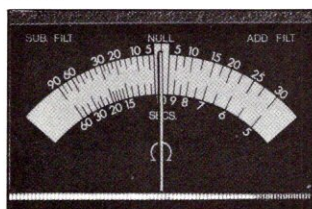
Omega SCA 100 Color Analyzer

The most practical and economical method of achieving consistent, high quality color print results, is with the use of an electronic color analyzer.

Programmed to read the variations of density and color balance from a known standard film and paper emulsion combination, the Omega SCA 100 not only helps make color printing far simpler, but significantly reduces the need for costly and time-consuming test printing.



Cosine Correction to $\pm 30^\circ$ off the optical axis of the lens.



Illuminated meter calibrated in cc's and seconds.



Electrostoptm Control adjusts the sensitivity of the analyzer.

Orientation Guides

Cosine Correction Control

5mm Spot Reading Aperture

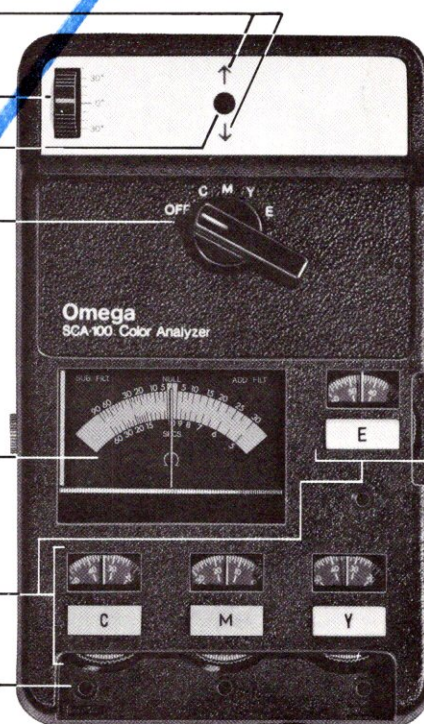
5-Position Channel Selector Switch

Calibrated Illuminated Meter

Individual Program Dials with Illuminated Reference Scales

Color Coded LED Channel Indicators

Electrostoptm Control



Key Features

Silicon Blue Cell Photodetector

Offers greater range of linear response, freedom from cell "memory" and light shock damage, greater stability and operating life, improved repeatability and consistency.

Solid State Circuitry

Assures exceptional linearity, accuracy, dependability and reliability.

White Target Area

Large target area makes location of reference spot easy and convenient.

5-Position Channel Selector Switch

Switches unit from off to each of the four operating channels, Cyan, Magenta, Yellow and Exposure.

Electrostoptm

Adjusts the overall color sensitivity of the analyzer with no effect on the stored program.

LED Color Coded Indicators

Indicate the channel in operation for ease of use under darkroom lighting conditions.

Individual Program Dials with Reference Scales

Makes program resetting easy and convenient.

Compact, Self-Contained

Convenient one-piece design offers professional features usually found in larger more expensive analyzers.

Safety Compliance

UL Listed for safety.

Technical Specifications

Reading Aperture: 5mm Reading Aperture (average readings with accessory integrator, Cat. No. 429-158)

Sensitivity Range: More than 6 f/stops

Probe: Built-in cosine correction to $\pm 30^\circ$ off the lens optical axis

Meter: Illuminated, 2 1/2" anti-static coated

Filtration Range: +30 to -90 cc's Cyan, Magenta, Yellow

Exposure Time Range: 5 to 60 seconds

Warm-Up: Instantaneous

Power Consumption: 8 watts

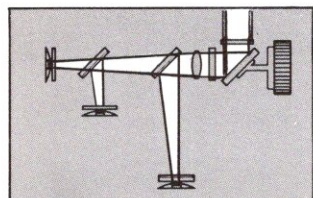
Line Input: 120 VAC, 50/60 Hz. (230 VAC, 50 Hz. with accessory power supply, Cat. No. 412-230)

Dimensions: 6-1/8" x 3-5/8" x 1-1/2" (92mm x 158mm x 40mm)

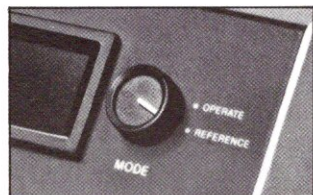
Shipping Weight: 2 lbs. (1 kg.)

Omega SCA 300 Color Analyzer

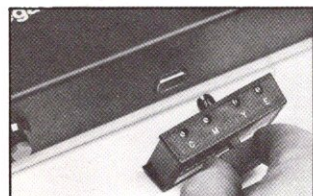
The Omega SCA 300 is an advanced professional digital color analyzer. Totally solid-state, the SCA 300 color analyzer features an exclusive tri-cell silicon blue cell detector probe, a unique program recalibration system with digitally accurate re-programming to any previously used program and accessory plug-in memory modules. Also included are all of the professional benefits that have made Omega Analyzers so popular with the professional, such as cosine correction, built-in voltage and temperature stabilization, Electrostop™, 120 or 230V operation.



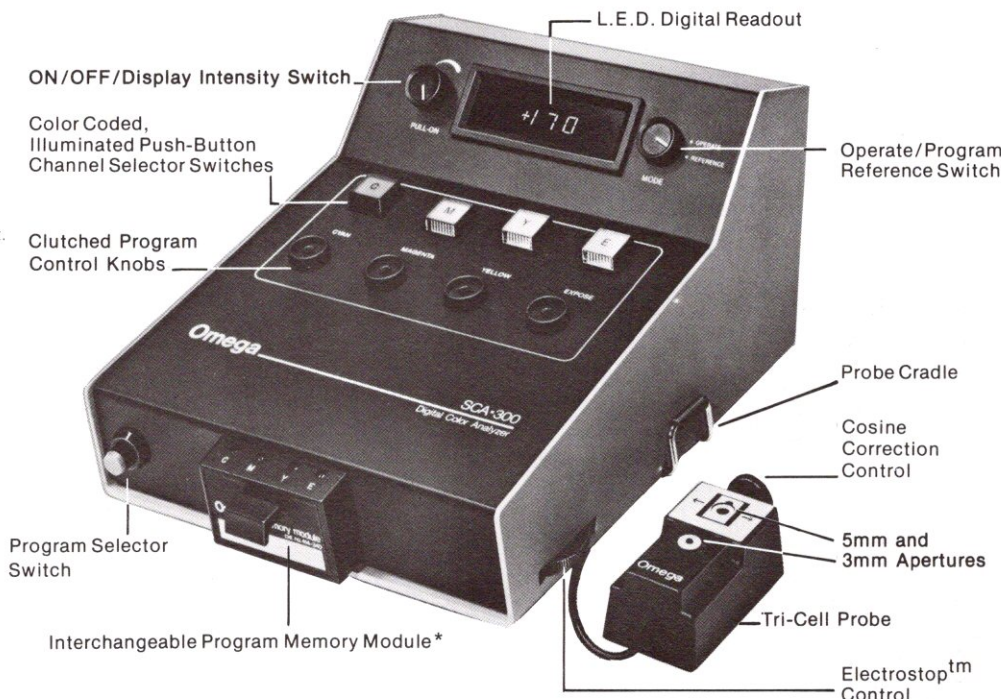
Unique Tri-Cell Probe allows pushbutton channel selection. Probe is not touched during measurement.



Operate/Program Reference Switch allows 100% resettability of programs at any time.



Accessory Plug-in Memory Modules for Instant Program Changes.



Key Features

Three Silicon Blue Cell Photodetectors Built Into Probe:

Reads all three color channels at the equivalent paper position. Cells are filtered by matched dichroic and narrow band-pass filters for unsurpassed reading accuracy. No mechanical switching.

Digital Program Reference Mode

Allows operator to reset any previously recorded program at any time with 100% accuracy.

Accessory Program Memory Modules

Plug-in memory modules programmed individually for each print process or material are instantly interchangeable for fast, easy operation when more than two processes are used.

Solid State Construction

Use of Silicon Blue Cells, and 16 IC's (integrated circuits, equivalent to literally thousands of discrete electronic components) provide unprecedented linearity and accuracy of measurement.

Electrostop™

Adjusts the overall color sensitivity of the analyzer with no effect on the stored program.

Color Coded, Illuminated Pushbutton Channel Selector Switches

Easy to see and operate switches select the Cyan, Magenta, Yellow and Exposure Channels during operation.

Clutched Program Control Knobs

Assure that the information programmed into the analyzer is not accidentally changed.

Light Shock Prevention

Cells are not blinded by accidental exposure to room lights.

Safety Compliance

Unit is UL Listed for safety.

Technical Specifications

Reading Aperture: 3mm and 5mm spot reading apertures (average readings with use of an accessory integrating attachment, Cat. No. 429-158)

Probe: Cosine corrected to $\pm 30^\circ$ off the optical axis of the lens.

Probe Cord: Removable, flexible 8' cord.

Sensitivity Range: 0.00001 footcandles (10^{-5}) to 3 footcandles

Readout: 5/16" high variable intensity LED digital display

Filtration Range: ± 199 cc's

Exposure Time Range: 1/10 second to 199 seconds

Warm-Up: Instantaneous

Power Consumption: 15 Watts

Voltage Stabilization: Internal, 95-135V at 120V nominal

Temperature Stabilization: 60° to 90°F

Line Input: 120/220V 50/60 Hz.

Dimensions: 10"x8"x5" (25.4x20.3x12.7cm)

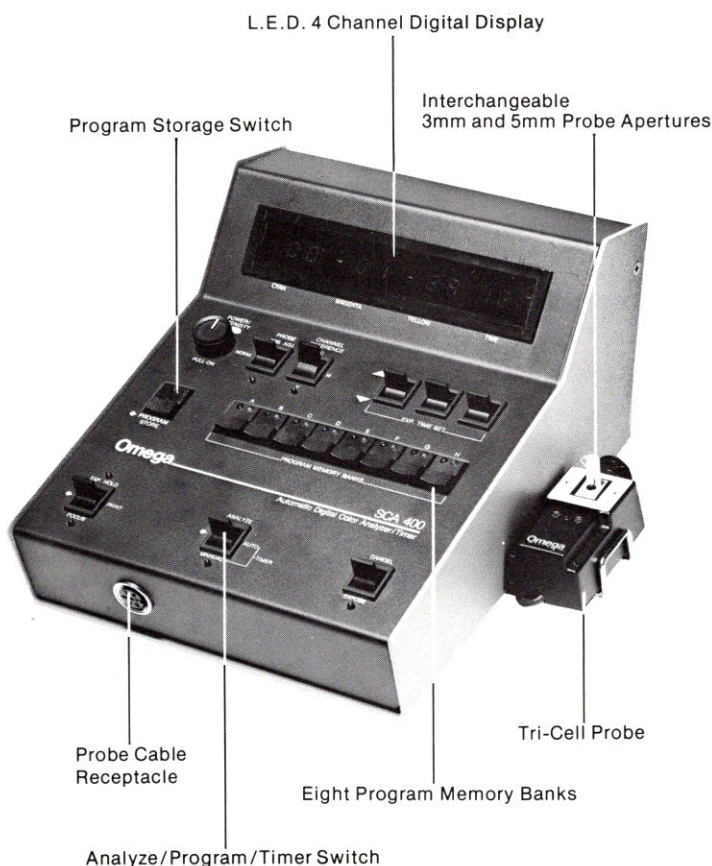
Shipping Weight: 9 lbs. (4.1 kg)

*** PROGRAM MEMORY MODULES**
CAT. NO. 414-340
Additional Accessory Program Memory Modules are available for the SCA 300 Color Analyzer



Omega®

SCA400 Automatic Digital Color Analyzer/Timer



The Omega SCA400 is an advanced professional digital spot color analyzer incorporating a built-in automatic enlarger timer. Totally solid state, the SCA400 Color Analyzer/Timer features the proven tri-cell silicon blue detector probe, four channel simultaneous digital readout of cyan, magenta, yellow and exposure time, and eight programmable push button memory banks. Also included are all of the professional benefits, such as cosine correction, built-in voltage and temperature stabilization and 120V or 220V operation that have made Omega analyzers so popular with the professional.

Key Features

- Three silicon blue cell photodetectors built into the probe read all three color channels at the equivalent paper position. Cells are filtered by matched dichroic and narrow band-pass filters for unsurpassed reading accuracy. No mechanical switching.
- The light-emitting diode digital display allows cyan, magenta and yellow values to readout simultaneously. The weighted sum of these values is then fed through the computer to display the exposure time.
- Built-in automatic or manual enlarging timing can be selected. The decimal point on the digital display changes automatically, eliminating any possible confusion or mis-setting of the exposure time.
- Eight programmable memory banks provide program storage by pressing two buttons. They will stay stored in the memory even if the unit is unplugged from the AC line.
- A unique light warning system allows the analyzer to display either "LO" or "HI" to indicate the need to modify the light level.
- Remote focus/print capability available when using accessory Dual Pedal Footswitch (Cat. No. 461-058).

Omega[®]

SCA400 Automatic Digital Color Analyzer/Timer

Technical Specifications

Reading Aperture 3mm and 5mm spot reading apertures (Average readings using accessory Integrating Attachment, Cat. No. 429-158)

Probe Tri-cell silicon blue photodetector
Cosine correctable to + 30 degrees off optical axis of lens

Probe Cord Removeable, flexible 8' cord

Sensitivity Range 0.00001 (10 -5) - 3 footcandles
Approximately 13 f/stops for exposure

Readout Simultaneous cyan, magenta, yellow and exposure time, 5/16" high variable intensity LED digital display

Filtration Range + 199cc's

Exposure Time Range .. Automatic: 1/10 - 299 seconds
Manual: 1/10 - 999 seconds

Warm-Up Time Instantaneous

Voltage Stabilization Internal, 95-135V at 120V nominal
180-260 at 240V nominal

Power Consumption 15 Watts

Switching Capacity Enlarger: 300 Watts Maximum
Safelight: 150 Watts Maximum

Line Input 120V 240V/50-60 Hz

Dimensions 10x8x5"
(25.4x20.3x12.7cm)

Shipping Weight 9 lbs. (4.1kg)



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