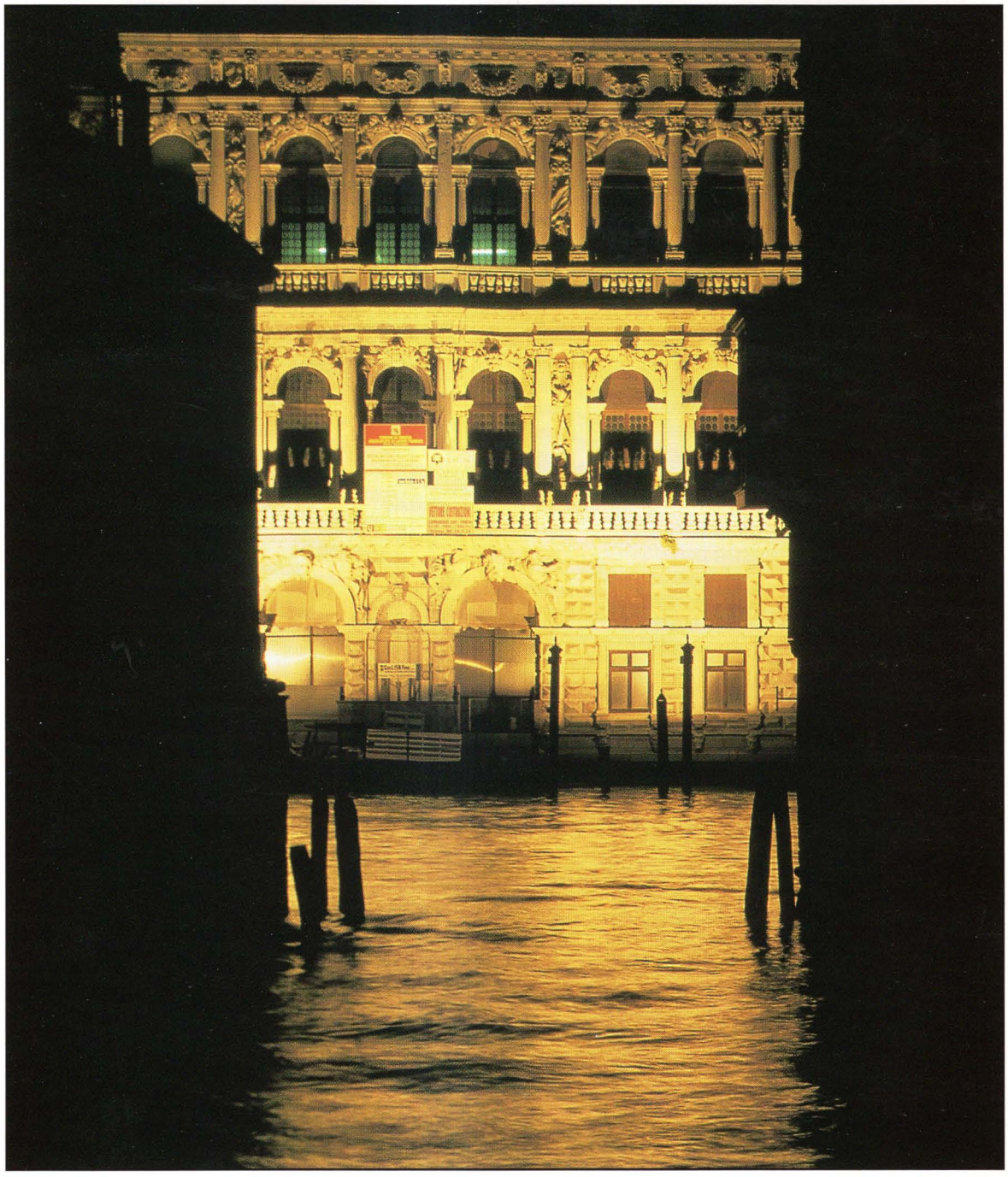
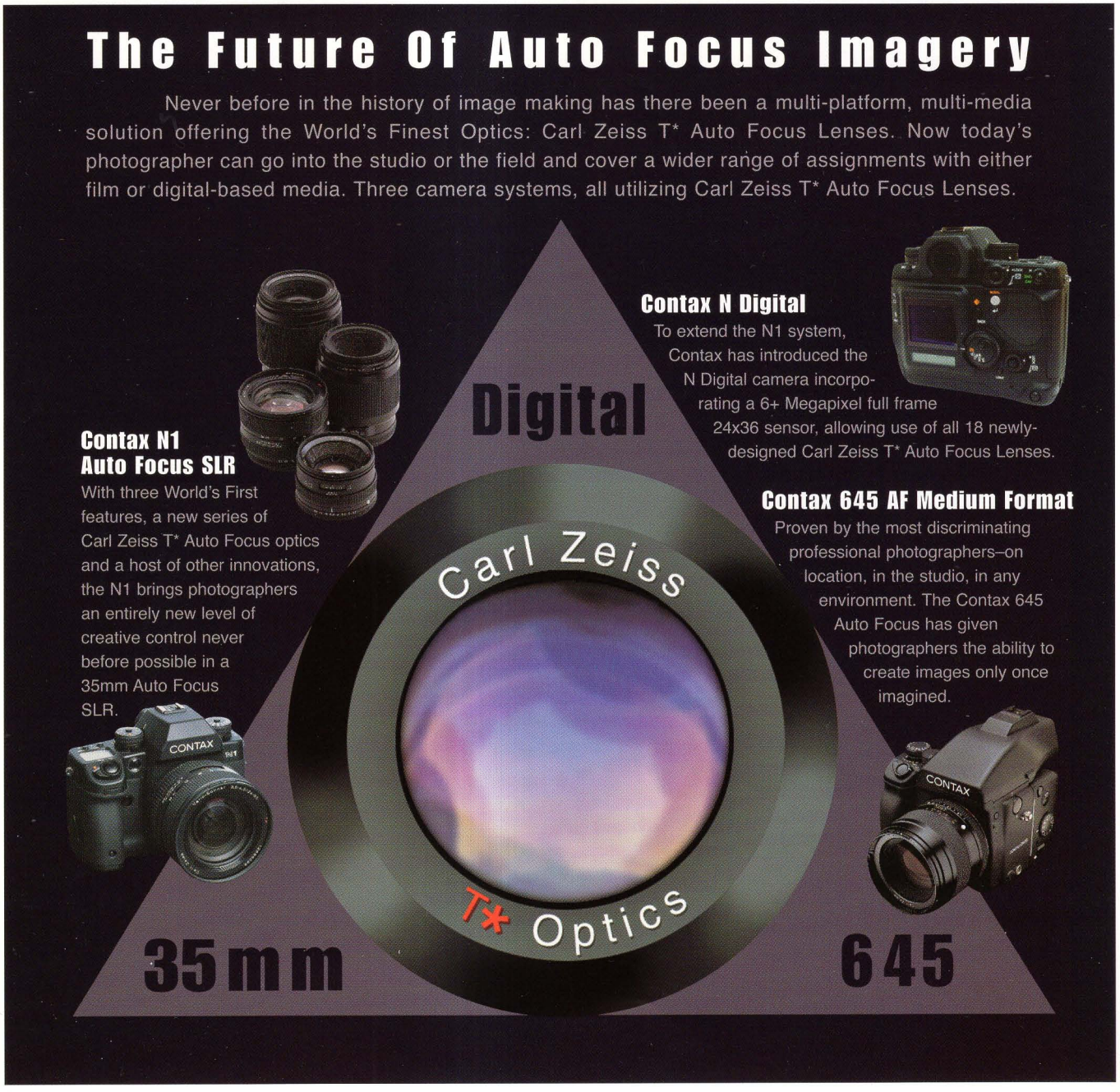


CONTAX 645

Born with a reverence for the traditional, yet advanced beyond your dreams. The Contax 645 is poised for the 21st century.

This new century will bring many challenges and the 645 is ready for any of them. Autofocus backed by a precision manual focus system provides the ultimate in focusing flexibility. Film flatness problems are addressed for the first time in any medium format camera through the development of a Real Time Vacuum system. Of course, the unrivaled Carl Zeiss T* lenses are the stars of the system. These lenses offer unmatched resolution and distortion control while T* insures that contrast and color are unrivaled. In short, the CONTAX 645 represents the highest expression of technology in medium format cameras today and into the future.

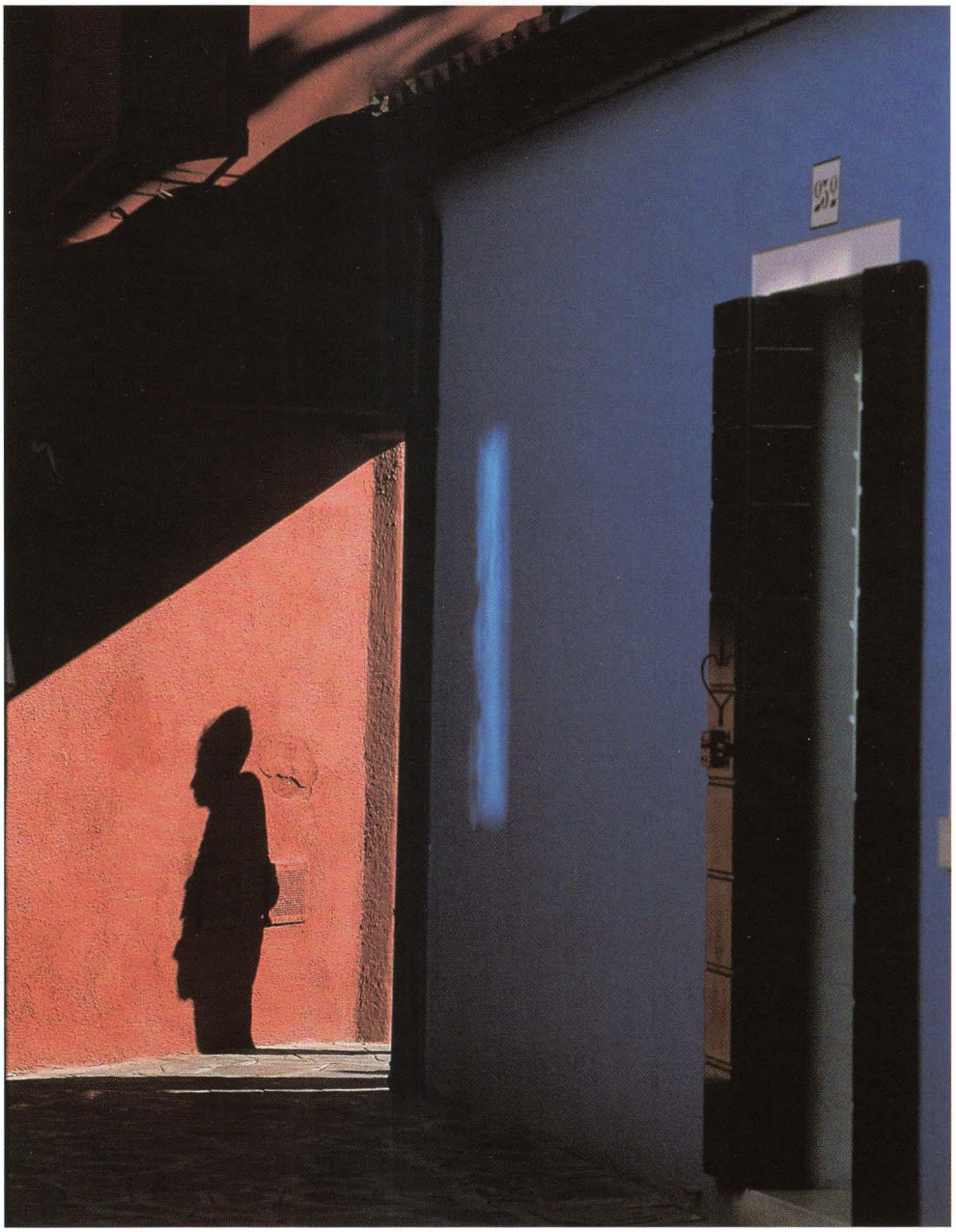


The Rialto Bridge, the symbol of Venice. A Carl Zeiss T* lens captures the intent of its creator. Sonnar T* 210mm F4 f5.6, 1/6 sec.

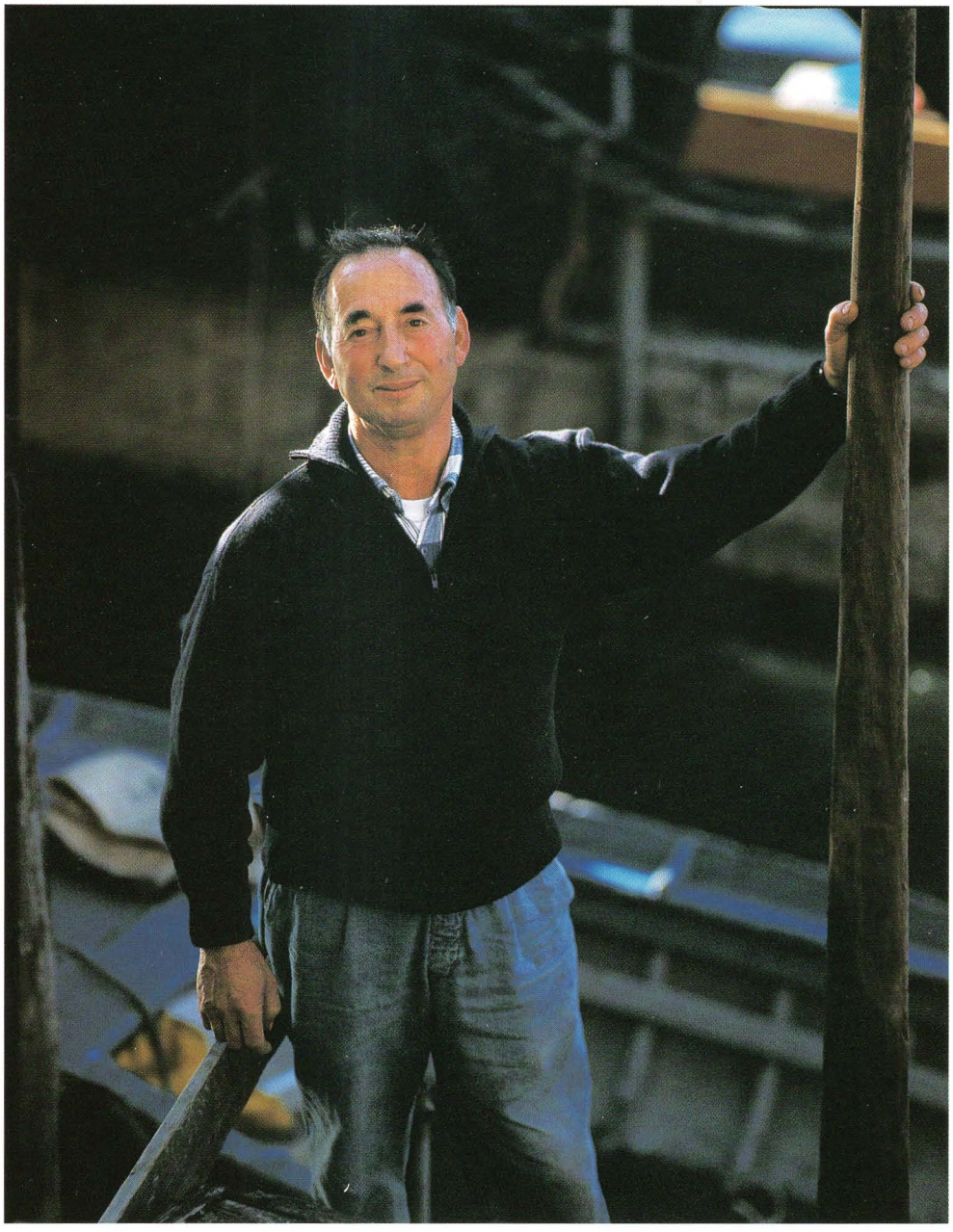
Carl Zeiss T* lenses demonstrate exquisite detail and sharpness.. Sonnar T* 140mm F2.8, f4, 1/2 sec.

This realistic image gives the feeling of the night and a party. Apo-Makro-Planar T* 120mm F4 f5.6, 1/60 sec.

The unfolding drama in the gondola at the end of a long day is perfectly captured. Planar T* 80mm F2 f2.8, 1/60 sec.



A Carl Zeiss T* lens permanently captures the tranquility of the morning. Planar T* 80mm F2 f2.8, 1 sec.



A Venetian fisherman. The essence is best exhibited by a Carl Zeiss T* lens. Sonnar T* 140mm F2.8.

Exquisite color reproduction, even in cloudy weather, can extend your photographic possibilities. Distagon T* 35mm F3.5 f4, 1/90 sec.

A MEMORY GIVES MEANING TO THE LIGHT.

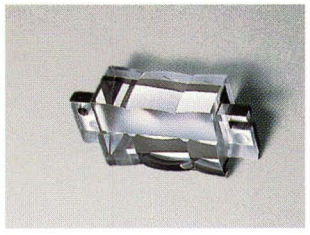
A newly developed autofocus system and dual focus mechanism make it easy to control autofocus and manual focus.

Giving meaning to the capture of light in an image depends upon the sensitivity of the photographer. Based upon the premise that "the main element involved in creation of the photograph is the photographer", the Contax 645 offers a newly developed focusing system. Dual Focus controls autofocus and manual focus to meet the expectations of the photographer. This Dual Focus system allows the AF system to assist the manual system and the manual system to assist the autofocus system.

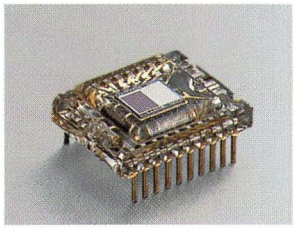
The focus button enables autofocus during manual operation and autofocus lock

Focus dial for selecting the focus mode

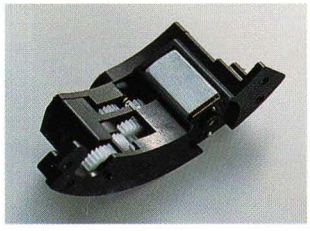
Easy-to-operate focusing ring for both auto focus and manual focus



Auto focus condenser lens for introducing light to the CCD area sensor



CCD area sensor provides superior distance measurement accuracy



Integrated motor in the autofocus lens for highly accurate focusing

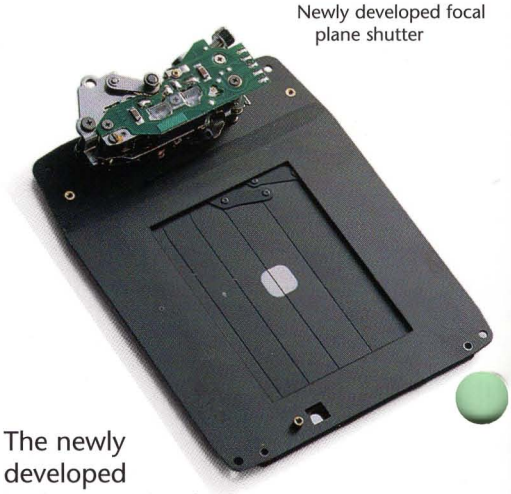
Without moving your eye from the viewfinder, the 645 may be changed from AF to manual and visa-versa. Autofocus uses a central TTL area sensor composed of four horizontal and two vertical lines, composing an array of 1/5-inch, 250,000 element CCD. Superior range finding accuracy is obtained.

MULTICOLORED LIGHT CAN PROVIDE STUNNING PHOTOGRAPHS.

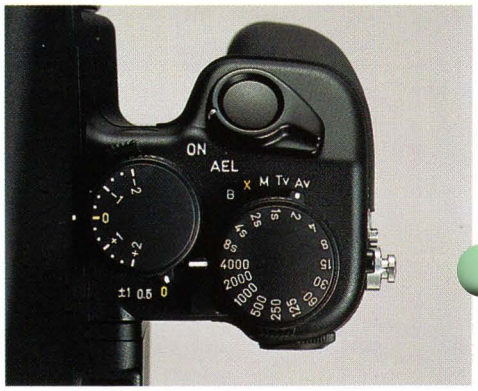
A high-speed shutter coupled with the high performance of Carl Zeiss T* lenses brings great flexibility to the photographer.

A larger film size leads to a larger shutter. Consequently, the fastest shutter speed of a conventional medium format camera has difficulty in achieving speeds as fast as those of a 35mm camera. The Contax 645 dramatically expands the range for taking photographs with medium format cameras.

Newly developed focal plane shutter



The newly developed high-speed focal plane shutter is the most advanced shutter in this class. The Contax 645 achieves a high shutter speed of 1/4000 second and the fastest flash sync speed of 1/125 second. Higher shutter speeds allow the photographer greater freedom in selecting exposure.



Built-in high-speed shutter having the fastest (1/4000 second) shutter speed expanding the photographic range

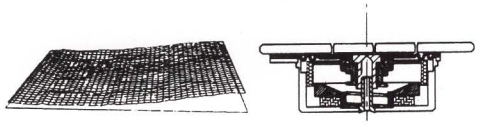
Vacuum film insert for maintaining precise film flatness (A ceramic pressure plate is used.)

VACUUM INSERT PROVIDES INCREASED RESOLUTION

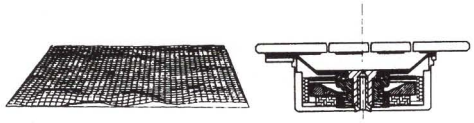
The real-time vacuum system enhances film flatness, the biggest problem faced by medium format cameras

The biggest problem found in medium format cameras was film flatness. Film flatness becomes more difficult as the film area is increased. In particular, the open aperture of a fast lens produces an extremely shallow depth of focus. The slightest unevenness in the film degrades focus appreciably. As a result, conventional medium format photographers tend to produce stopped-down photographs. The Contax 645 provides a real-time vacuum system, highly valued in the RTS III, in the 6 x 4.5 size format. A striking improvement in film flatness can be achieved by installing the 220 vacuum film insert. Wide open apertures may be used with confidence.

Bird's-eye view of the real-time vacuum effect



Vacuum off



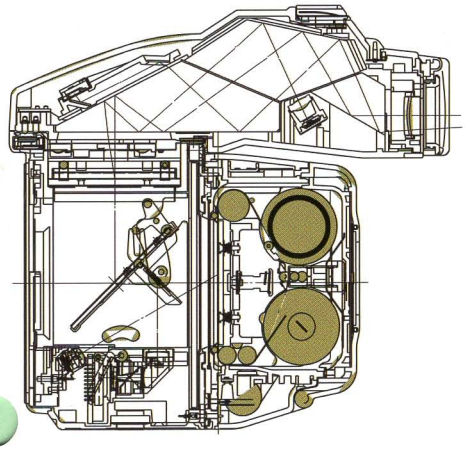
Vacuum on

This drawing presents a comparison of before and after suctioning the film. A three-dimensional view was computer processed to remove the interference fringes and incline component when using an interferometer developed by Contax.

LIGHT IS MANIPULATED AS DESIRED.

Light metering system and exposure modes to faithfully reflect the intent of the photographer

The Contax 645 employs two types of light metering, center-weighted average metering which has excellent characteristics for general photography and spot metering suited to small area exposure settings. When the AE prism finder is installed, center-weighted average metering or spot metering can be used. The spot metering system installed in the body of the Contax 645 makes spot metering available even when the waist-level finder is installed. The exposure modes are aperture-priority AE, shutter-priority AE, and manual exposure. Additionally, the automatic bracketing control (A.B.C.) mechanism for automatically correcting the exposure in three consecutive frames is installed. Rapid, reliable photography is possible even for subjects requiring difficult exposure settings.



Cross-sectional view of the Contax 645 system (Body, AE Prism Finder MF-1, Film Back Holder MFB-1, 120/220 Film Insert MFB-1A)

• Center-Weighted Average Metering

Center-weighted average metering is well suited to typical photographs in which the main subject is close to the center of the image. By designing the optimum sensitivity distribution the camera is easy to use and can adapt to various photographic conditions. The center-weighted average metering block (high precision aspherical lens + SPD element + IC) is located in the AE prism finder.

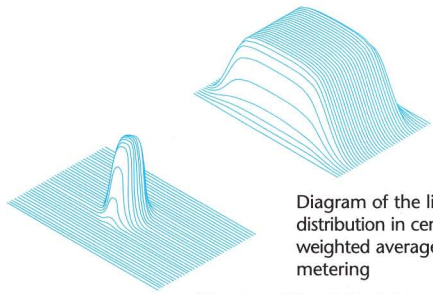


Diagram of the light distribution in center-weighted average metering

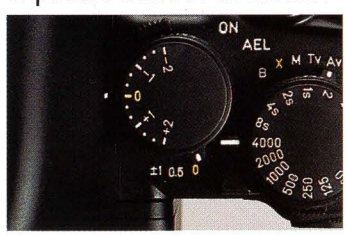
Diagram of the light distribution in spot metering

• Spot Metering

Spot metering is effective when you want to express the exposure with more precision and creativity than in ordinary light. Spot metering takes place in an area having a 5.5mm diameter in the center of the focusing screen, and usually operates along with the AE lock mechanism. This method demonstrates the power of the photographer with regard to placement of specific tones in a composition.

• A.B.C. Mechanism

By merely switching the A.B.C. lever, this mechanism can offer three exposure variations: standard, over, or under exposure. The selectable corrections are ±0.5 EV and ±1.0 EV. Each exposure mode, except flash photography, is influenced by the A.B.C. mechanism, spot or center-weighted, drive mode, AE lock, and the exposure compensation system are all handled. Even under delicate exposure conditions, photography is possible without becoming absorbed in exposure control decisions.



A.B.C. lever for obtaining bracketed exposures

INTEGRATED FLASH METERING SIMPLIFIES STUDIO FLASH FOR CONSISTENTLY ACCURATE RESULTS

Pre-flash TTL light metering enables high quality photography

Determining the exposure for flash photography is normally a complex process. The pre-flash TTL metering system tests the flash output before exposing the film. This system frees the photographer from unstable factors such as metering errors caused by differences in film reflectance. Because the Contax system flash can remember the amount of emitted light that was automatically adjusted, the exposure can be controlled within later aperture adjustments. This system not only applies to Contax system flashes, but to general-purpose and studio flash equipment as well.

Diagram of light distribution in pre-flash TTL light metering

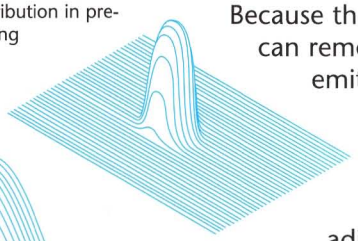
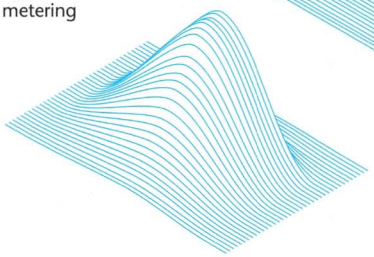
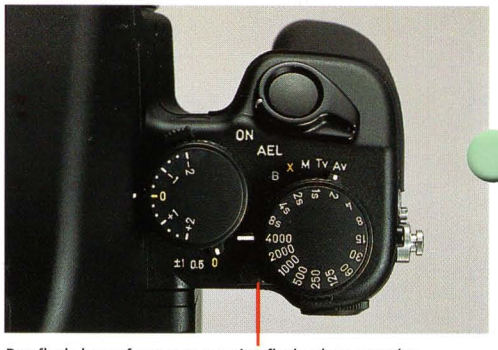


Diagram of light distribution in TTL direct light metering



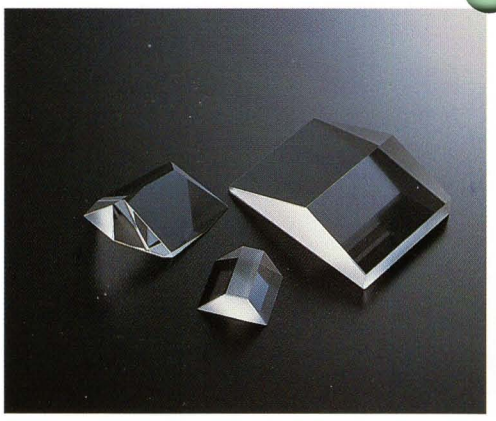


Pre-flash lever for more precise flash photography

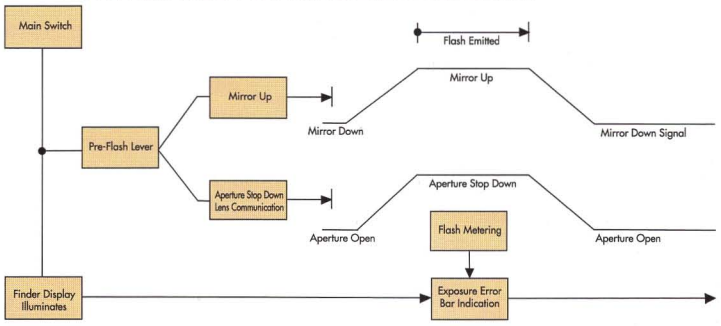
MULTIPLE FINDER SYSTEM PROVIDES FLEXIBILITY

Finder system adapts to various photographic conditions and the objective of the photographer

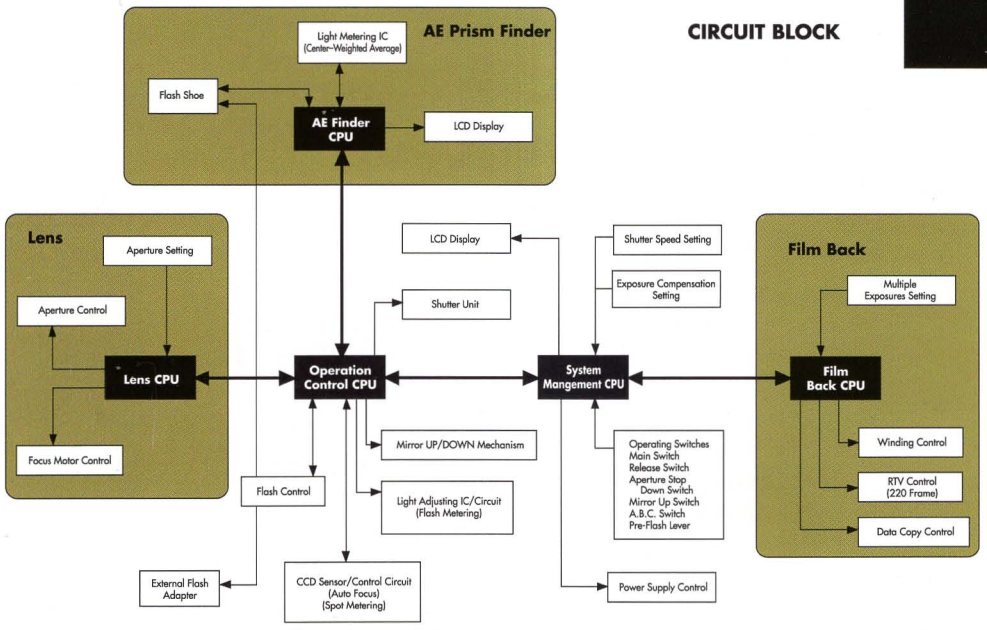
The Contax 645 finder system can be adapted to match the objective of the photographer. The system provides two types of finders, the AE prism finder and waist-level finder. Three focusing screens are available, full matte (standard equipment), sectioned matte, and horizontal split-screen microprism.



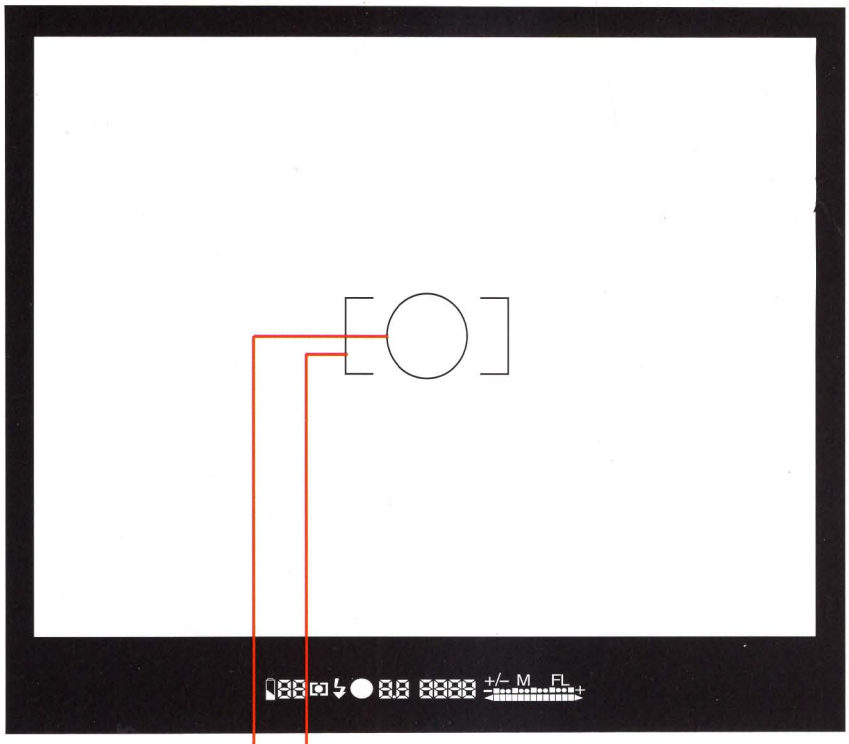
PRE-FLASH TTL LIGHT MEASURING SEQUENCE



CIRCUIT BLOCK

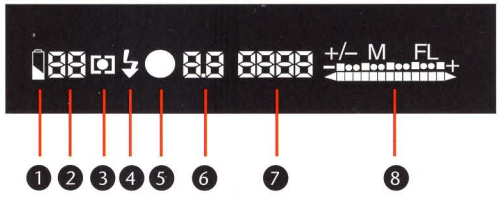


Finder display

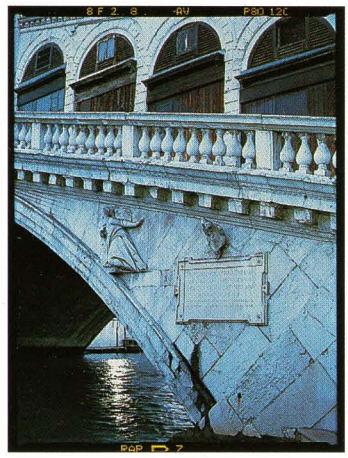


Spot metering range

Focus frame



1 Battery warning mark
2 Frame counter
3 Light metering mark
4 Flash ready mark
5 Focus mark
6 Aperture
7 Shutter speed
8 Exposure meter



TTL LIGHT METERING.

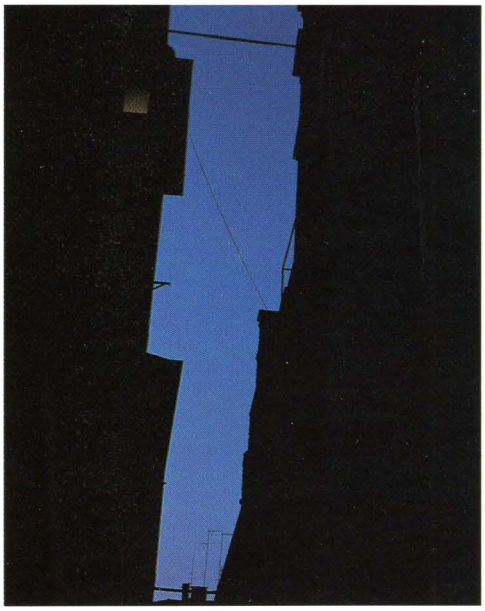
Flash auto setting greatly expands the range of flash photography

When a flash, such as the TLA360 is attached to the accessory shoe of the AE Prism and switched to the Auto-set position, the film sensitivity data, aperture data, and lens focal length data are shared with the flash and shown on the display panel on the back of the flash. The illumination angle is automatically adjusted to match the focal length of the lens. In addition to exposure compensation in the body, the flash exposure can be adjusted for a more flexible flash fill. The Auto-set function improves communication between camera and the flash.

THE EXPOSURE VALUE IS MEMORIZED.

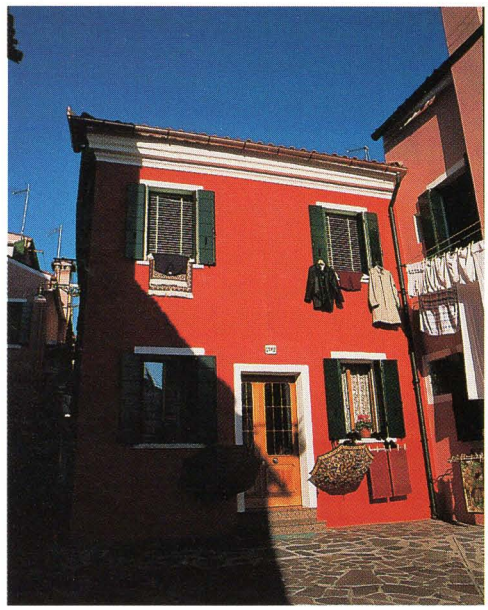
A photographic data memory function is provided.

Reference data is recorded outside the image frame of the film, including aperture, shutter speed, exposure compensation, exposure mode, lens used, and film type.



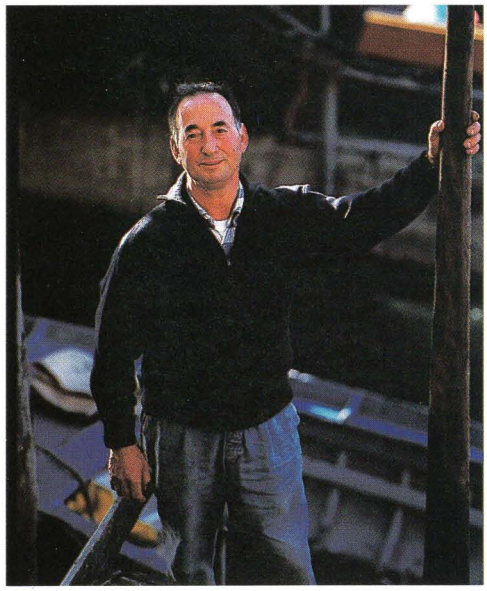
Clarity

Early morning. The streets are quiet. The sky changes color moment by moment in the cool, clear atmosphere. The shutter is lightly touched and the Carl Zeiss T* lens fixes this crisp scene on film. The scene captured provides the sensation of time advancing on the film. This depiction has a transparent feel without a sense of the presence of the lens.
(Planar T* 80mm F2)



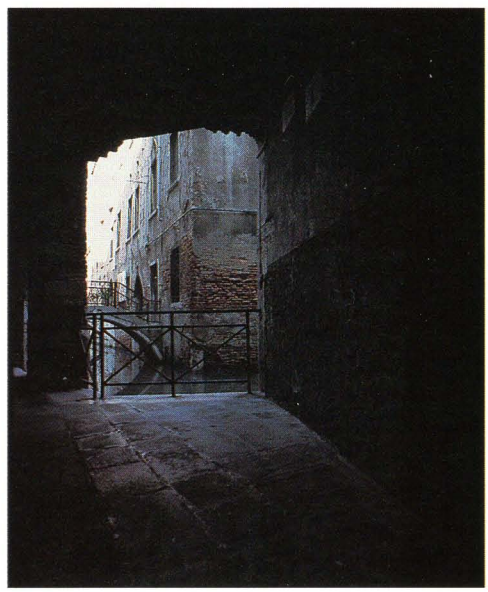
Color Reproduction

The subtle colors of the wall, the hues of the clothing, the fine colors of the umbrella and shade are visible. Carl Zeiss T* lenses capture the scene without exaggeration of color or contrast. Even extreme conditions are deftly and skillfully handled by this lens. This lens communicates the intent of the photographer clearly.
(Distagon T* 45mm F2.8)



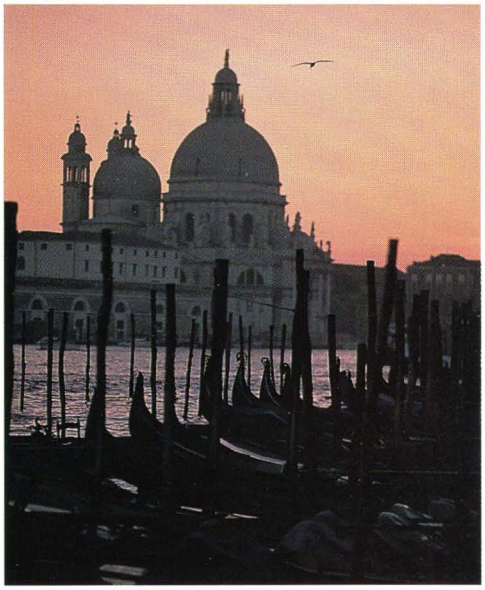
Bokeh

The fisherman has finished his work for the day. His expression is captured in the low light of evening. Captured are each second and each breath. Bokeh is an important element for producing a subtle and sensitive photograph. Experts say the bokeh of a Carl Zeiss T* lens is the most beautiful of all lenses. By removing all aberrations, a natural and complete image is produced. Perfect technological mastery is demanded and provided by Carl Zeiss.
(Sonnar T* 140mm F2.8)



Highlight and Shadow Detail

In a maze of alleys that strangers rarely visit, light skims the tip of dark buildings. This beautiful scene presents rigid constraints to the lens and photographer. But these are limits not encountered with a Carl Zeiss T* lens. The lens has descriptive power in the shadow regions as well as in the bright highlights. The transmittance is increased to its limit by improvements to the inside of the lens barrel of the Carl Zeiss T* lens in order to prevent reflections. The world as expressed by this lens always fascinates the photographer and the viewer.
(Distagon T* 35mm f3.5)



Backlight

The setting sun colors the final curtain of a spectacular day. The subtlety of color is difficult for a lens to reproduce. However, a Carl Zeiss T* lens gives a clear portrayal. The feel of glassy water, the detail in the shadows of the buildings, and the brightness of the gondola highlights are present. The beauty of the Carl Zeiss T* lens, which is exceptional for backlight photography, is fully revealed. Backlight can be captured with confidence. This is another reason why Carl Zeiss lenses are sought by so many photographers.
(Sonnar T*210mm F4)

Gradation

An old door has been exposed to many years of wind and rain. The paint has peeled and decayed, dramatically. The subtleties of color, light and shadow are paramount. A Carl Zeiss T* lens faithfully reproduces the fine gradations, and the solid feel of the door. The reason is the rich gradation expressed by the photograph. The Carl Zeiss T* lens was developed to preserve contrast.
(Apo-Makro-Planar T* 120mm F4)

CARL ZEISS T* LENSES FOR CONTAX 645

Tele-Apotessar 350mm F4

Lens Configuration: 9 elements and 8 groups
Focal Length: 350mm
Negative Size: 56mm x 41.5mm
Angular Field: 11°
Mount: Contax 645 mount
Aperture mechanism: automatic aperture
Aperture scale: 4-5.6-8-11-22-32-45
Minimum photographic distance: 1.9 m (6'3")
Filter: 95mm, threaded screw-in type
Size and weight: 115mm (diameter) x 272mm (length), 3800 g
4.5 " x 10. 7 ", 8 lb. 6 oz.
Accessories: lens cap K-91, rear lens cap MK-R, exclusive lens hood, exclusive carrying case

(Comparable to a 220mm focal length when converted to the 35mm format)
This telephoto apo-chromatic lens is the ideal focal length for nature photography, as well as sports and close-up portrait photography, as it will focus as close as 6' 3" (1.9m).

Mutar T* 1.4X

Lens Configuration: 6 elements and 5 groups
Magnification: 1.4X
Exposure Magnification: 2X (1 stop)
Auto Focus: Fully Automatic
Auto Exposure: Fully Automatic
Compatible Lenses: Sonnar 140mm f2.8
Sonnar 210mm f4.0
Tele-Apotesser 350mm f4.0
Size and weight: 82mm, (diameter) x 63mm. (length), 500g
3 7/32- x 2 1/2", 1 lb. 1.6 oz.
Accessories: lens cap, rear lens cap, case

Mounted between the lens and the 645 body, this Mutar T* teleconverter multiplies the effective focal length of the 140mm, 210mm, and 350mm lenses by 1.4x while maintaining superb optical quality with the loss of only one stop of light.

Distagon T* 35mm F3.5

Lens configuration: 11 elements and 8 groups (rear focusing)
Focal length: 35.5mm
Negative size: 56mm x 41.5mm
Angular field: 90°
Mount: Contax 645 mount
Aperture mechanism: automatic aperture
Aperture scale: 3.5-4-5.6-8-11-16-22-32
Minimum photographic distance: 0.5 m
Filter: 95mm, threaded screw-in type
Hood: Metal hood GB-101 (bayonet type)
Size and weight: 101.5mm (diameter) x 109mm (length), 880 g
3 7/8" x 4 5/16", 1 lb. 11 oz.
Accessories: lens cap, rear cap, case

(Comparable to a 21mm focal length when converted to the 35mm format)
This super wide angle lens has a 90° angular field. By using the latest optical technology of Carl Zeiss and the newest optical eco-glass, this lens boasts amazing qualities such as excellent contrast, faithful color reproduction, and splendid distortion correction. A high level of descriptive power is exhibited in a wide range of fields like scenic photography, snapshot photography, and commercial photography.

Planar T* 80mm F2

Lens configuration: 6 elements and 5 groups
Focal length: 80mm
Negative size: 56mm x 41.5mm
Angular field: 47.2°
Mount: Contax 645 mount
Aperture mechanism: automatic aperture
Aperture scale: 2-2.8-4-5.6-8-11-16-22
Minimum photographic distance: 0.7 m
Filter: 72mm, threaded screw-in type
Hood: Metal hood GB-72 (bayonet type)
Size and weight: 81mm (diameter) x 67mm (length), 530 g
3 3/16" x 2 5/8", 1 lb. 2 oz.
Accessories: lens cap, rear cap, case

(Comparable to a 50mm focal length when converted to the 35mm format)
This is the Planar, the master lens formula developed by Dr. Paul Ruddolph of Carl Zeiss. The front and rear symmetric lens construction superbly corrects all aberrations while maintaining a large aperture. The Planar lens enjoys the highest level of descriptive power, faithful color reproduction, superior gradation and beautiful bokeh.

Distagon T* 45mm F2.8

Lens configuration: 9 elements and 7 groups (rear focusing)
Focal length: 45.5mm
Negative size: 56mm x 41.5mm
Angular field: 76°
Mount: Contax 645 mount
Aperture mechanism: automatic aperture
Aperture scale: 2.8-4-5.6-8-11-16-22-32
Minimum photographic distance: 0.5 m
Filter: 72mm, threaded screw-in type
Hood: Metal hood GB-71 (bayonet type)
Size and weight: 81mm (diameter) x 98mm (length), 825 g
3 3/16" x 3 15/16", 1 lb. 10 oz.
Accessories: lens cap, rear cap, case

(Comparable to a 28mm focal length when converted to the 35mm format)
This wide angle lens has a handy focal length. It adopts the latest optical technology from Carl Zeiss, including specially selected optical glass.

Sonnar T* 140mm F2.8

Lens configuration: 7 elements and 5 groups (inner focusing)
Focal length: 140mm
Negative size: 56mm x 41.5mm
Angular field: 28°
Mount: Contax 645 mount
Aperture mechanism: automatic aperture
Aperture scale: 2.8-4-5.6-8-11-16-22-32
Minimum photographic distance: 1.3 m
Filter: 72mm, threaded screw-in type
Hood: Metal hood GB-73 (bayonet type)
Size and weight: 81mm (diameter) x 98mm (length), 680 g
3 3/16" x 3 7/8", 1 lb. 8 oz.
Accessories: lens cap, rear cap, case

(Comparable to a 85mm focal length when converted to the 35mm format)
The Sonnar, developed by Dr. Ludwig Bertele, is a textbook example of a lens design offering honest descriptive power. When the aperture is open, this high-performance lens allows photography under low light conditions with uniform illumination, and enhanced contrast.

LENS HOODS

Sonnar T* 210mm F4

Lens configuration: 7 elements and 4 groups
Focal length: 209.4mm
Negative size: 56mm x 41.5mm
Angular field: 19°
Mount: Contax 645 mount
Aperture mechanism: automatic aperture
Aperture scale: 4-5.6-8-11-16-22-32-45
Minimum photographic distance: 1.4 m
Filter: 72mm, threaded screw-in type
Hood: Metal hood GB-74 (bayonet type)
Size and weight: 81mm (diameter) x 177mm (length), 205 g
3 3/16" x 6 11/16", 2 lb. 11 oz.
Accessories: lens cap, rear cap, case

(Comparable to a 130mm focal length when converted to the 35mm format)
The Carl Zeiss T* Sonnar with its traditional construction has maintained extreme optical performance since its invention. This lens was designed for use in the new 645 format and achieves excellent results by using the latest optical designs. High contrast is always available. With this lens, you can produce photographs having high quality bokeh and exquisite color reproduction along with shallow subject depth.

Apo-Makro-Planar T* 120mm F4

Lens configuration: 8 elements and 5 groups
Focal length: 120.1mm
Negative size: 56mm x 41.5mm
Angular field: 32°
Mount: Contax 645 mount
Aperture mechanism: automatic aperture
Aperture scale: 4-5.6-8-11-16-22-32-45
Minimum photographic distance: 0.425 m
Maximum photograph magnification: M1:1
Filter: 72mm, threaded screw-in type
Hood: Metal hood GB-73 (bayonet type)
Size and weight: 86mm (diameter) x 99mm (length), 800 g
3 7/8" x 3 7/8", 1 lb. 11 oz.
Accessories: lens cap, rear cap, case

(Comparable to a 70mm focal length when converted to the 35mm format)
This manual focus, apo-chromatic macro lens provides excellent correction of all aberrations in the range from infinity to 1:1. Color aberrations are removed by employing ultra-low dispersion glass. Floating elements are used to optimize performance over the entire focus range.

METAL HOOD GB-71
(Distagon T* 45mm)

METAL HOOD GB-101
(Distagon T* 35mm)

METAL HOOD GB-72
(Planar T* 80mm, Distagon T* 55mm)

METAL HOOD GB-74
(Sonnar T* 210mm)

METAL HOOD GB-73
(Apo-Makro-Planar T* 120mm,
Sonnar T* 140mm)

BELLOWS LENS HOOD GB-B1
(This can be used on lenses having a focal length longer than 45mm. A gelatin filter can be installed.)

LENS FILTERS

CONTAX FILTERS

Similar to Carl Zeiss T* lenses, Contax filters are made from carefully selected optical glass, polished to produce superior flat and parallel surfaces.

95mm FILTER

P-Filter

L39(UV)MC

1AMC

C-Polarizing MC

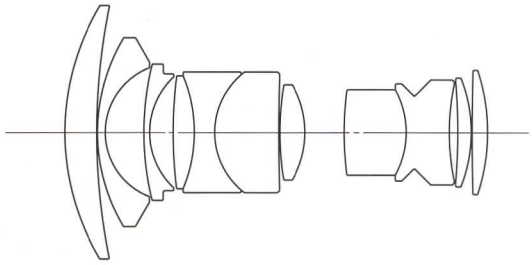
72mm FILTER

C-Polarizing MC

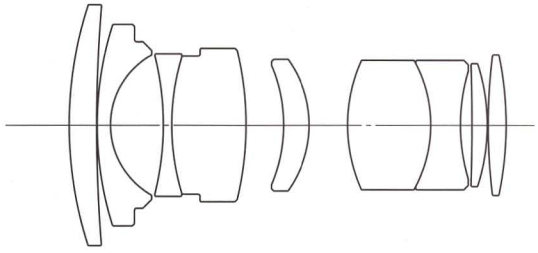
95mm P-Filter
95mm 1AMC, L39 (UV) MC
95mm C-Polarizing MC
72mm C-Polarizing MC

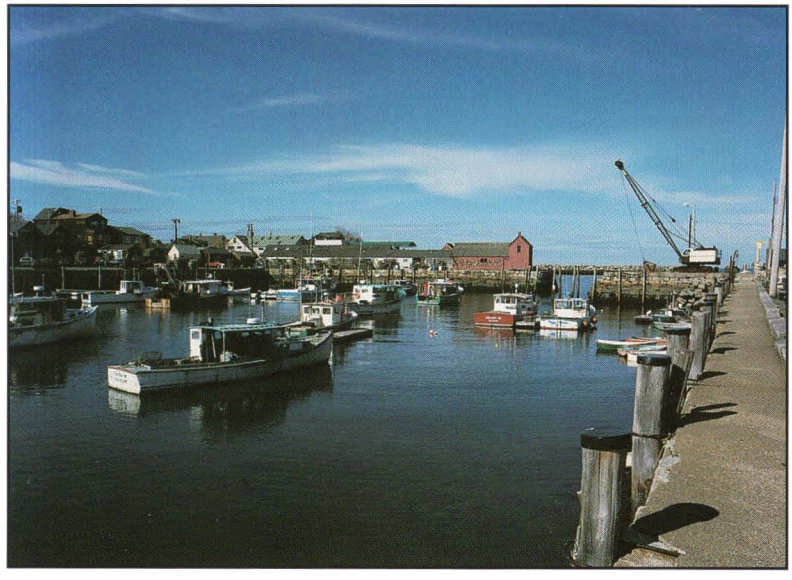
Unparalleled Sharpness

DISTAGON T* 35MM F3.5

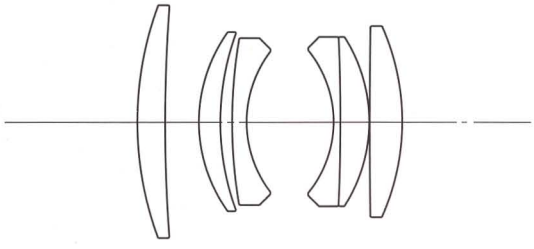


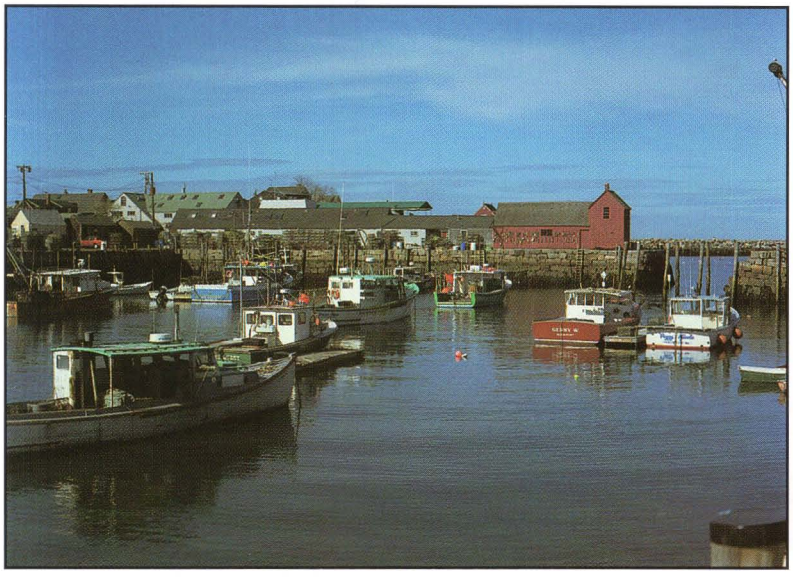
DISTAGON T* 45MM F2.8





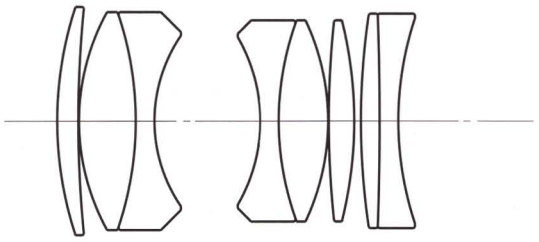
PLANAR T* 80MM F2

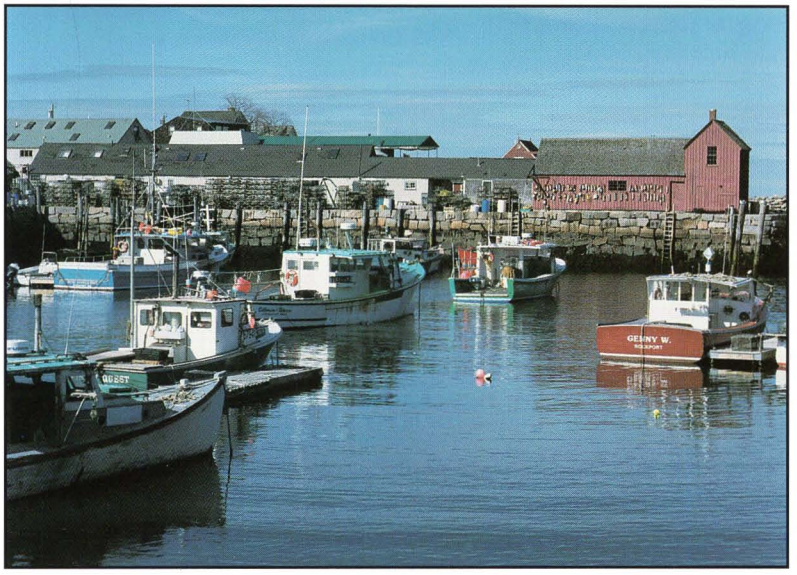




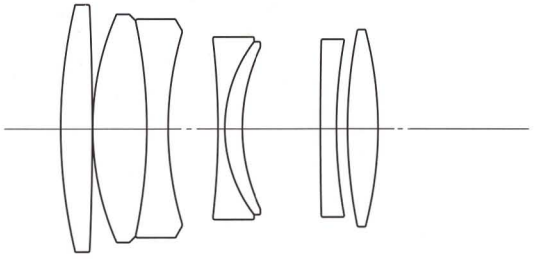
At Any Focal Length

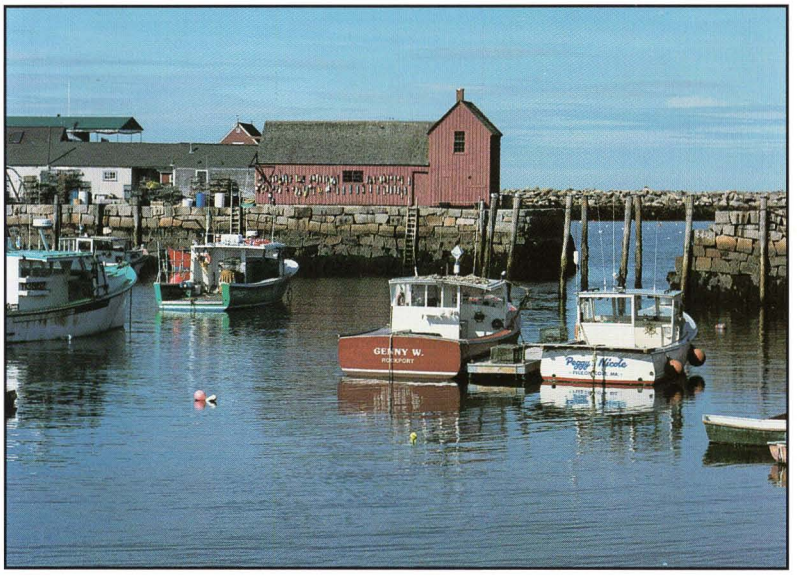
APO–MAKRO PLANAR T* 120MM F4



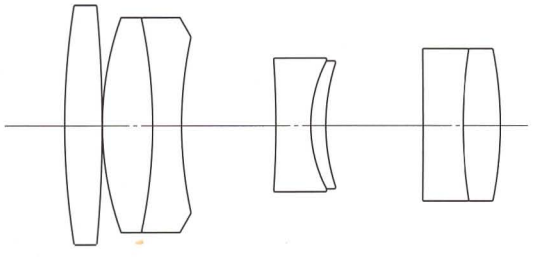


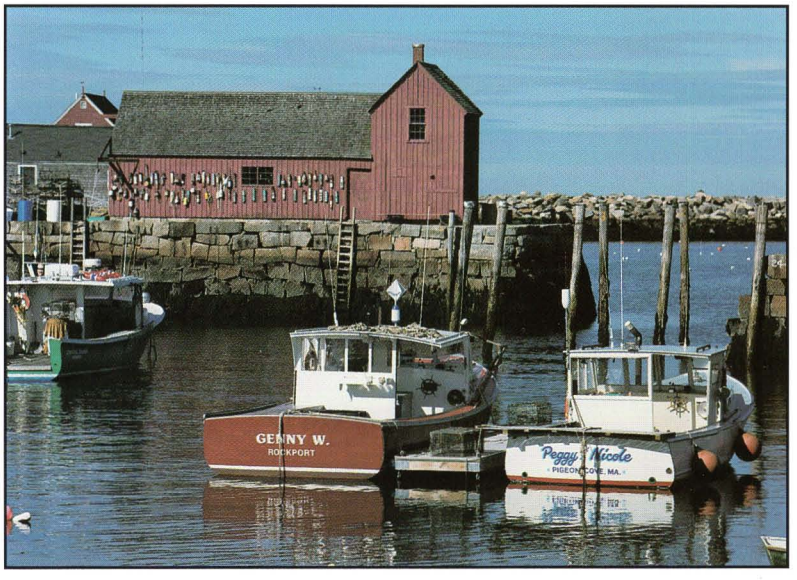
SONNAR T* 140MM F2.8





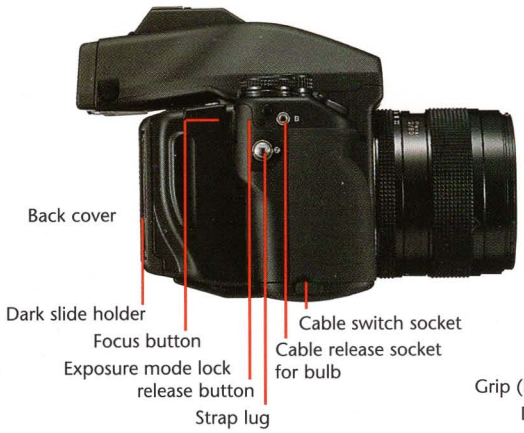
SONNAR T* 210MM F4

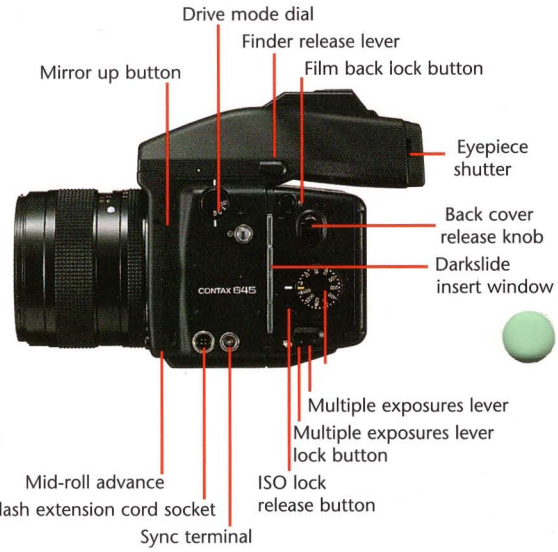




CONTAX 645

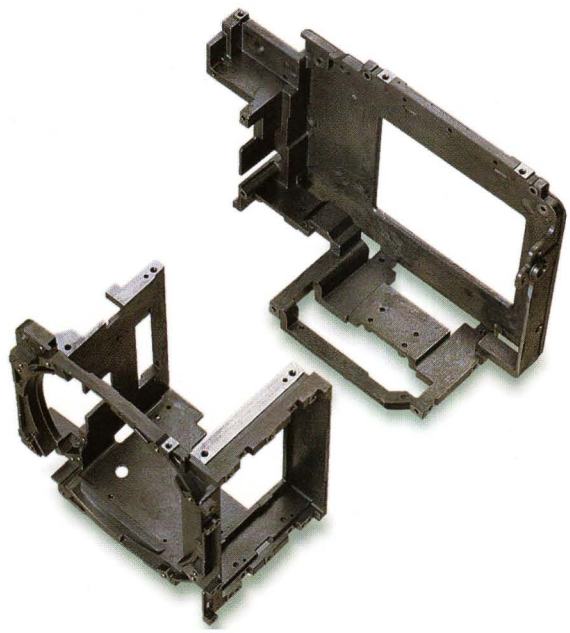
Lens mount - Contax 645 mount
Shutter system - Electronically controlled focal-plane shutter
Shutter speed - Auto - 32 seconds to 1/4000 second
Manual - 8 seconds to 1/4000 second, X (1/125 second)
Bulb, mechanical bulb
Sync contact - X contact (synchronized at 1/125 second or lower)
With direct X contact and sync terminal
Self-timer - Electronic, operating time switches between 2 and 10 seconds, can be canceled while running
Shutter release - Electronic release and dedicated release socket
Exposure control - 1. Aperture-priority auto exposure
2. Shutter-priority auto exposure
3. Manual exposure
4. TTL auto flash
5. Manual flash
Light metering - Standard TTL Metering
Center-weighted average metering, spot metering, pre-flash TTL light metering
Continuous light metering range (ISO 100, F2) - Center-weighted average metering - EV 1 to 21
Spot metering - EV 3 to 18
Film speed range - ISO 6 to 6400, Automatic using bar code system
AE lock - AE and focus lock
Exposure compensation - +2 EV to -2 EV (can be set in steps of 1/3 EV)
A.B.C. mechanism - 3-frame continuous exposure compensation, exposure compensation ranges of ±0.5 EV and ±1 EV
Flash link light adjusting - TTL direct light adjusting
Flash sync - The shutter speed is switched automatically when the dedicated flash is done charging.
Flash auto set function - This can be combined with the flash equipped with Contax's auto set function.
Shutter curtain sync - Can be combined with Contax's flash having a shutter curtain sync
Focus adjustment and range finding - Manual focus and auto focus (TTL phase difference detection) Distance detection range: EV 1 to 18 (ISO 100)



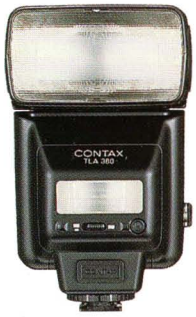


Standard Body Combination

(Body, AE Prism Finder MF-1, Film Back Holder MFB-1, 120/220 Film Insert MFB-1A)
Copper Silumin Chassis for unprecedented strength in a medium format camera.



Finder - Interchangeable finder, AE prism finder
• Field of view - 95%
• Magnification - 0.8 times (long eye point)
(for standard 80mm lens at infinity and -1D visual angle)
Built-in visibility correction mechanism, +1D to -2D correction range
Focusing screen - Interchangeable screen, The full matte screen is standard.
Internal finder display - Battery warning mark, frame counter, time remaining on self-timer, A.B.C. indication/End of film indication/Custom function indication, metering mark, flash ready mark, focus mark, aperture, shutter speed, exposure meter
Film back - Interchangeable film backs
120/220 film insert MFB-1A
220 vacuum film insert MFB-1B
Film loading – Semi-automatic loading by matching the start position mark (with fast forward function until the first frame) and easy load system
Film winding - Automatic winding by a built-in motor (fastest speed is about 1.6 frames/second)
Drive mode - Single frame, continuous, self-timer (2 or 10 seconds)
Frame counter - Additive, automatic reset
Multiple exposures - Possible
Mirror up - Possible
Accessory shoe - Direct X contact (with TLA flash linked contact)
Data recording - Can record photography data outside of the image plane. Recorded contents - aperture, shutter speed, exposure compensation, exposure mode, name of lens used, type of film
Power supply - one 6 V lithium battery (2CR5)
Battery check - automatic check, displayed inside the finder
Other features - aperture button, external power supply socket
Size and weight - 141mm (width) x 138.5mm (height) x 145.5mm (length), 1,370 g (without battery). 5 9/16" x 5 1/2" x 5 11/16", 3 lb. 6 oz. (without battery). The size and weight are when the AE prism finder MF-1 and film back holder MFB-1 are installed.



TLA280 (case included)

This Guide No. 28 automatic flash (2 flash tubes with the 35mm zoom setting) is equipped with TTL auto, shutter curtain sync, and zoom. The twin flash system is used to improve bounce flash photography.

TLA360 (case included)

This flash has TTL auto, auto external light metering, multiple flash, shutter curtain sync, and power zoom. The maximum amount flash power is G No. 36 (for the 35mm setting). This auto flash has superior flexibility such as showing the effective distance range on a large LCD panel.

External power supply (sold separately)

- TLA Power Pack PS-220 Set (The set includes a TLA Power Cord PS-200 and a case.)

Magnifier F-2N

(May also be used on a 35mm SLR camera)

Right Angle Finder N is the finder for low angle photography, astronomical photography, microscopic photography, close-up photography, and flat art reproduction.

Magnifier F-2N is the finder for precise focusing in close-up photography and other critical operations.

AE Prism Finder MF-1

Diopter Lens FM Type (Diopter lens)

(May also be used on 35mm SLR cameras)

This round diopter lens can be installed in Eyecup F-6. The adjustment range is [-5.0D to -2.0D] for the FM-3, and [0D to +3.0D] for FM+2.

The diopter adjustment mechanism is installed in the finder in the AE Prism Finder MF-1. Even if there is no diopter lens, adjustments can be made in the range from [-2.0D to +1.0D].

Cable Switch LA-50 & LA-500

The LA type cable switch is used in close-up photography and astrophotography with a tripod, or to activate the shutter when the photographer is isolated from the camera. A convenient slide switch is provided for long exposures and continuous photography. The cord lengths are, 50 cm and 500 cm respectively.

Waist-level Finder MF-2

Diopter Lens MFW-3 to +2 (6 types)

This is the diopter lens for the waist-level finder. It replaces the lens installed previously in the finder.

A system is developed for the new century.

Scenics, people, outdoor photography, studio and macro photography are prime uses of the Contax 645. The Contax 645 is a medium format camera capable of photographing a wide range of subjects which were not previously considered with conventional medium format cameras.

TLA 480 Set

Maximum flash output is Guide No. 48. Functions are provided for automatic external light metering, and shutter curtain sync. This grip-type system auto flash has three types of power supplies. Set contents: TLA 480, TLA Adapter II, TLA 480 Sync Cord, TLA 480 Bracket, TLA 480 Panel Set

Exclusive Accessories (sold separately)

- TLA Power Pack PS-110 Set (stacked dry cell battery)
- TLA Power Pack PS-120 Set (D battery) Purchased seperately

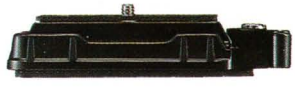
Battery Holder MP-1

(with grip belt)

Battery Holder MP-1 is installed by replacing the Contax 645 grip. This special accessory operates the camera with AA alkaline batteries or one 2CR5 (6 V lithium battery). It has a convenient vertical release button for vertical photographs.

Flash Bracket MSB-1

When combined with the Contax TLA flash system while using the waist-level finder, TTL auto flash photography is possible. Use as a left hand grip, or when you want to firmly hold with both hands and press the shutter.



Quick Shoe Adapter AT-1

This adapter enables rapid installation and removal of the camera from a tripod. Use this adapter to properly install the camera on a tripod when using the Polaroid back.

Right Angle Finder N

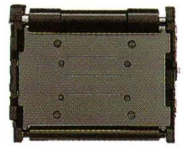
(May also be used on 35mm SLR cameras)

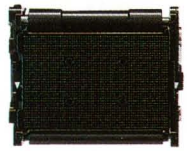
Film Back Holder MFB-1

The Film Back Holder is used to load film in the 120/220 Film Insert MFB-1 or 220 Vacuum Insert MFB-1B in the film compartment. This holder can be installed and removed as desired from the camera body during photography.

220 Vacuum Film Insert MFB-1B

The film insert maintains film flatness, which is a major problem in medium format photography. Using a real-time vacuum mechanism in the insert always produces a stable film plane.

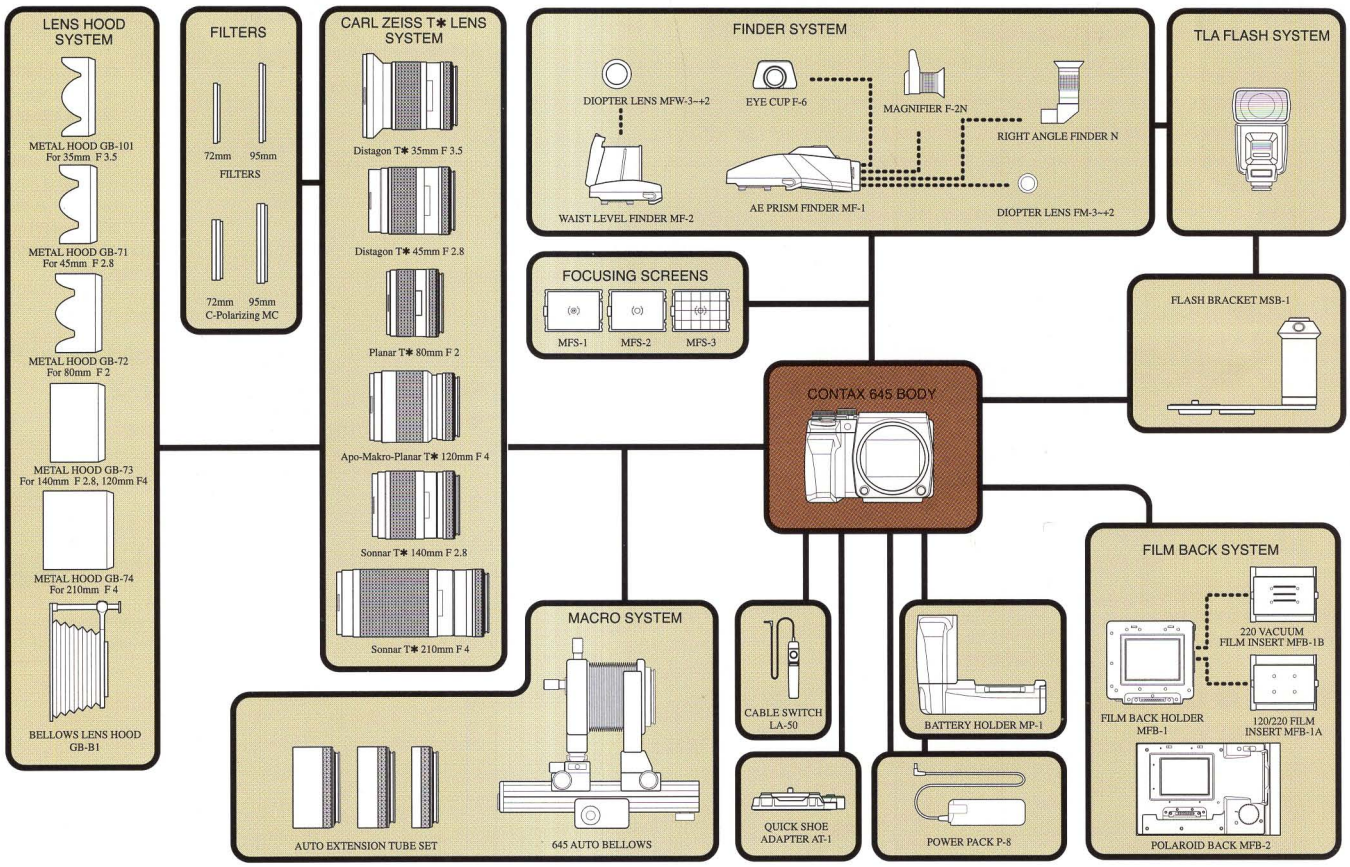


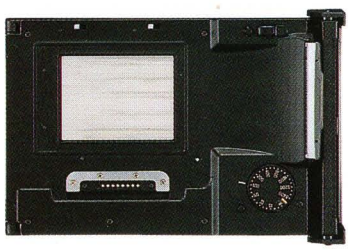


120/220 Film Insert MFB-1A

(120 and 220 type films can be switched and used.)

CONTAX 645 SYSTEM CHART





Polaroid Back MFB-2

This is the back for Polaroid film. Polaroid film produces color or black-and-white photographs in a short time. Verify lighting, composition, and focus beforehand when using the Polaroid back.

645 Auto Close-up Ring

13mm
26mm
52mm

The three sizes of close-up rings are 13mm, 26mm, and 52mm. They can be used singly or together. (They are used in the MF mode.)

Focusing Screens

The three types of focusing screens for the Contax 645 are the MFS-1, MFS-2, and MFS-3. The focusing screen can be changed to match the photographic application.

MFS-1 (Horizontal split/Microprism)

Focusing is possible in three ways: center split, the surrounding microprism, and the surrounding matte screen.

MFS-2 (Full Matte)

This is the standard screen. The full matte screen is useful in ordinary photography.

MFS-3 (Sectioned Matte)

This screen has a 10mm interval grid placed on the full matte screen. In particular, this screen is well suited when critical alignments are necessary.

645 Auto Bellows

This close-up photography equipment is installed between the body of the Contax 645 and the lens and enables a wide range of applications from close-up and enlargement photography to slide reproduction. (Used in the MF mode.)

Deluxe Strap W-50 Pro

This genuine, high quality, 5-cm wide strap can be used with the Contax 645, SLR cameras, and G Series cameras. The front surface material is leather, and the back surface prevents slipping.

Power Pack P-8

(May also be used on 35mm SLR cameras)
The Power Pack P-8 is an external power supply which uses four 1.5 V AA batteries or four 1.2 V AA Nicad batteries. To prevent battery drain when photographing in low-temperatures, keep the external power supply to the camera warm.

NEW CARL ZEISS T* LENSES AND ACCESSORIES

Distagon T* 55mm F3.5

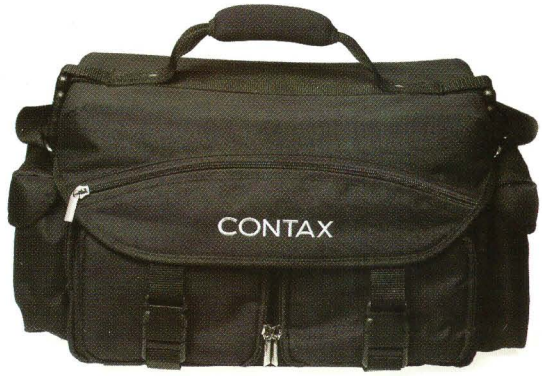
Lens configuration: 7 elements and 7 groups
Focal length: 55mm
Negative size: 56mm x 41.5mm
Angular field: 64.7°
Mount: Contax 645 mount
Aperture mechanism: automatic aperture
Aperture scale: 3.5-4-5.6-8-11-16-22-32
Minimum photographic distance: 0.45m (1.5 ft)
Filiter: 72mm, threaded screw-in type
Hood: Metal hood GB-72 (bayonet type)
Size and weight: 81mm (diameter) x 75mm (length), 525 g
Accessories: lens cap, rear cap, case

(Comparable to a 35mm focal length when converted to the 35mm format). The Distagon T* 55mm f3.5 is a compact and light-weight all-prupose wide-angle lens for the CONTAX 645 AF system. It is an ideal lens for photojournalistic "street photography" with the CONTAX 645 AF camera.

Power Pack P-8D

Power sourecs: four, 1.5 volt, type "D" Alkaline, Nickel Cadmium or Nickel-Metal Hydride batteries.
Cord length: Approx. 1.5m
Dimensions: 148 (W) X 84 (H) X 58 (D) mm
Weight: 160 g (without batteries)

The Power Pack P-8D has been designed for exclusive use with the designated CONTAX camera products, which includes the Contax 645 camera. The P8-D uses four type "D" Alkaline, Nickel Cadmium or Nickel-Metal Hydride batteries.



CONTAX 645 System Bag

Specially designed for the Contax 645 system, it provides ample space for a Contax 645 camera body, prism, backs, lenses, and assortment of accessories.

Vario-Sonnar T* 45-90mm F4.5

Lens configuration: 12 elements and10 groups
Focal length: 45.9-87.5mm
Negative size: 56mm x 41.5mm
Angular field: 74.3° - 43.4°
Mount: Contax 645 mount
Aperture mechanism: automatic aperture
Aperture scale: 4.5-5.6-8-11-16-22-32
Minimum photographic distance: 0.5m (1.64 ft)
Filiter: 95mm, threaded screw-in type
Hood: Metal hood GB-104 (bayonet type)
Size and weight: 102mm (diameter) x 115mm (length), 1,200 g
Accessories: lens cap, rear cap, case

(Comparable to a 28-55mm focal length when converted to the 35mm format). Imaging performance of the Vario-Sonnar T* 45-90mm f4.5 is on the level of fixed focal length lenses. Both sharpness and brilliance satisfy even high demands, while distortion is very well corrected. It is particlarly well-suited for demanding photojournalistic work, weddings, travel, street photography, people, and industrial.

Contax Mount Adapters MAM-1, NAM-1

The Contax Mount Adapter MAM-1 allows the use of Hasselblad interchangeable lenses on the Contax 645 AF. The Contax Mount Adapter NAM-1 permits Contax 645 series lenses to be used on Contax N series camera bodies.

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