

SLIDE PROJECTORS

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PROJECTORS

No screen image — not even that of a Leica transparency — can have more quality than the projector which produces it. This is why Leitz projectors are made with the same attention to optical and mechanical precision that is lavished on the Leica itself.

What's more, there is a Leitz projector to meet the needs of everyone from the professional lecturer to the man who just wants to show his snapshots to friends. And, although they

range from the simple, modestly-priced Pradix to the ultra-versatile Prado, all Leitz projectors share three characteristics — superb optical design, ruggedness and mechanical precision. Your first look at a slide screened with a Leitz projector will be a memorable experience!

The pages that follow list the various projectors in combination with lenses of many focal lengths, plus useful accessories which add even more versatility to the projectors.

AUTOFOCUS

With this new Pradovit Color model the focusing automatically compensates for variation in the differently mounted slides. Two photo-resistors act as a "balance" and adjust themselves and

position the slides at optimum focus. In an out-of-focus position the light beam which falls on the photo-resistors causes a motor, via an amplifier, to correct the deviation within seconds.

WIDE-SCREEN PROJECTION

Wide-screen projection in the home is like nothing you've experienced outside of specially-equipped theaters involving special cameras and projectors. The image on the screen is almost as lifelike as the original scene itself.

Yet, simply by adding a 35mm or a 50mm lens and matching condenser to the appropriate Pradovit or Prado projector, you can enjoy panoramic projection of your own slides right in your own living room. Short lens and condenser, plus a large screen (or white wall) up to 12 feet wide, are all you need.

The optical and mechanical precision and high light output of the Leitz projectors provide bril-

liant, thrilling wide-screen reproduction of your favorite slides without the need for special gadgets or special skills.

By recreating the perspective on the screen that you enjoyed on the very spot where you took the picture, you bring the scene back to life in a way that must be experienced to be appreciated fully.

For wide-screen projection with the 50mm lens, use only 30-slide magazines or load longer ones with no more than 30 slides. Otherwise, magazines will intercept the wide projection beam as they progress through the projector.

MICROPROJECTION ATTACHMENTS

The microprojection accessories for the Prado and Pradovit Color projectors make it possible to use these superb projector optics to project at great magnifications for group viewing not only microscope slides but also live micro-

organisms. The attachments are invaluable for laboratory and classroom use. Either the large or small Micro Projection Attachment can be mounted on the projector quickly and easily, without tools or special skills.

PRADOVIT-COLOR PROJECTORS

The Pradovit-Color 150 projector features a modern up-to-the-minute 24 volt/150 watt Halogen lamp while the Pradovit-Color 250 has a 24 volt/250 watt Halogen. Both come with two-way centering controls and a large aspherical condenser system to provide bright, sharp, color-correct slide illumination. Superior two path cooling combined with the great depth of focus of the Pradovit-Color projector reduces the need for refocusing due to the popping of cardboard mounted slides or the projection of intermixed glass – cardboard-mounted slides.

The remote control system of the Pradovit-Color projector is new – one button for focusing, another for slide-changing. Also, a built in automatic timer runs the Pradovit-Color, if desired, by itself – changing intervals are adjustable from about 3 to 30 seconds.

The Pradovit-Color is the truly universal slide projector for the home thanks to the wide selection of interchangeable Leitz projection lenses from 35mm for wide screen projection to 250mm for the lecture hall.

PRADOVIT-COLOR PROJECTORS ARE AVAILABLE IN FOUR MODELS. THEY ARE:

PRADOVIT-COLOR 150

With automatic timer for changing slides, adjustable for 3-30 sec., with low voltage Halogen-lamp 24V, 150W, voltage selector 110-240 V/AC, aspherical condenser, heat filter, inter-

changeable field condenser, focusing mount for lens, supply-line cord, 10 ft. remote-control cord, snap-on projector cover, one 36-slide magazine, and projection lens.

PRADOVIT-COLOR 150 AUTO-FOCUS

With automatic timer for changing slides, adjustable for 3-30 sec., with low voltage Halogen-lamp 24V, 150W, voltage selector 110-240 V/AC, aspherical condenser, heat filter, inter-

changeable field condenser, focusing mount for lens, supply-line cord, 10 ft. remote-control cord, snap-on projector cover, one 36-slide magazine, and projection lens.

PRADOVIT-COLOR 250

With automatic timer for changing slides, adjustable for 3-30 sec., with low voltage Halogen-lamp 24V, 250W, voltage selector 110-240 V/AC, aspherical condenser, heat filter, inter-

changeable field condenser, focusing mount for lens, supply-line cord, 10 ft. remote-control cord, snap-on projector cover, one 36-slide magazine, and projection lens.

PRADOVIT-COLOR 250 AUTO-FOCUS

With automatic timer for changing slides, adjustable for 3-30 sec., with low voltage Halogen-lamp 24V, 250W, voltage selector 110-240 V/AC, aspherical condenser, heat filter, inter-

changeable field condenser, focusing mount for lens, supply-line cord, 10 ft. remote-control cord, snap-on projector cover, one 36-slide magazine, and projection lens.

Each of these projectors is offered with a wide selection of projection lenses. For prices and catalog numbers, see the chart on the next page.

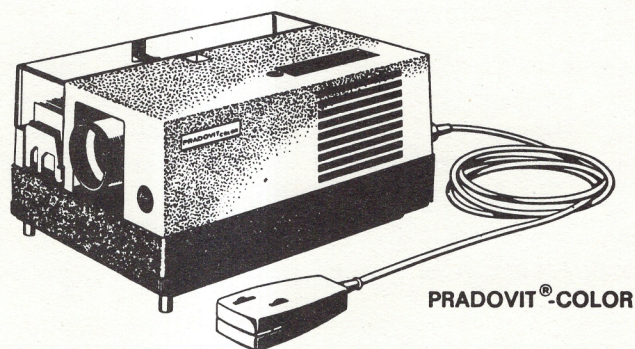
PRADOVIT-COLOR PROJECTORS

PRADOVIT-COLOR PROJECTORS

PLEASE NOTE: It is not possible to convert the 150 model to a 250, nor is it possible to convert a Pradovit-Color to the Auto-Focus model.

WITH PROJECTION LENS	PRADOVIT- COLOR 150	PRADOVIT-COLOR 150 AUTO-FOCUS	PRADOVIT- COLOR 250	PRADOVIT-COLOR 250 AUTO-FOCUS
Elmaron 35mm f/2.8	Cat. #30,686	Cat. #30,788	Cat. #30,685	Cat. #30,684
Elmaron 50mm f/2.8	Cat. #30,656	Cat. #30,758	Cat. #30,655	Cat. #30,654
Elmaron 85mm f/2.8	Cat. #30,646	Cat. #30,748	Cat. #30,645	Cat. #30,644
Colorplan 90mm f/2.5	Cat. #30,616	Cat. #30,718	Cat. #30,615	Cat. #30,614
Hektor 120mm f/2.5	Cat. #30,626	Cat. #30,728	Cat. #30,625	Cat. #30,624
Elmaron 150mm f/2.8	Cat. #30,636*	Cat. #30,738*	Cat. #30,635*	Cat. #30,634*
Elmaron 200mm f/3.6	Cat. #30,666*	Cat. #30,768*	Cat. #30,665*	Cat. #30,664*
Elmaron 250mm f/4	Cat. #30,676*	Cat. #30,778*	Cat. #30,675*	Cat. #30,674*

*Projector snap-on cover not supplied, will not fit over this focal length lens. In its place order number 37,952 Special Carrying Case—for Pradovit Color 150 and 150 Auto-Focus models. For Pradovit Color 250 and 250 Auto Focus models, order case number 37,962. Both of these cases accommodate lenses up to and including 250mm.



PRADOVIT-COLOR COMPONENTS

BASIC PRADOVIT-COLOR PROJECTORS

Catalog Number	Item
30,696	Pradovit-Color 150 , basic projector, without : lamp, line cord, remote-control cord, field condenser, lens, focusing mount and cover
30,798	Pradovit-Color 150 Autofocus Basic Projector without lamp, line cord, remote-control cord, field condenser, lens, focusing mount and cover
30,695	Pradovit-Color 250 basic projector without lamp, line cord, remote-control cord, field condenser, lens focusing mount and cover
30,694	Pradovit-Color 250 Autofocus , basic projector, without : lamp, line cord, remote-control cord, field condenser, lens, focusing mount and cover

LENSES, FOCUSING SLEEVES, AND FIELD CONDENSERS

LENS	FOCUSING SLEEVE	FIELD CONDENSER
35mm Elmaron f/2.8 Cat. #37,041	Cat. #37,119	Cat. #37,210
50mm Elmaron f/2.8 Cat. #37,051	Cat. #37,119	Cat. #37,210
60mm Elmaron f/2.8* Cat. #37,004	Cat. #37,119	Cat. #37,217
85mm Elmaron f/2.8 Cat. #37,003	Cat. #37,119	Cat. #37,211
90mm Colorplan f/2.5 Cat. #37,010	Cat. #37,120	Cat. #37,211
120mm Hektor f/2.5 Cat. #37,020	Cat. #37,120	Cat. #37,211
150mm Elmaron f/2.8 Cat. #37,030	Cat. #37,121	Cat. #37,212
200mm Elmaron f/3.6 Cat. #37,061	Cat. #37,123	Cat. #37,212
250mm Elmaron f/4 Cat. #37,081	Cat. #37,124	Cat. #37,212

*Not usable on Prado Universal

DAYLIGHT PROJECTION BOX

37,943	Daylight Projection Box with translucent screen for Pradovit-color projectors equipped with 50mm lenses. Image size on screen 15" x 15"
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PRADOVIT—COLOR COMPONENTS

CONTINUOUS PROJECTION

The Pradovit-Color Projectors listed above may be ordered with a built-in cycling device (Catalog #37,929 for the "150" models and #37,940 for the "250" models) for automatic continuous projection. When the projector is ordered with the cycling device (#37,929 for the "150" models and #37,940 for the "250" models), the cost is that of the cycling device plus the projector.

The cycling device may not be purchased separately to install on a Pradovit-Color Projector. However, Pradovit-Color Projectors in the field may be converted. But they must be returned to E. Leitz, Inc., Rockleigh or to a Leica Repair Station for this service. The conversion cost will be that of the cycling device plus a \$12.00 conversion charge and plus transportation charges both ways.

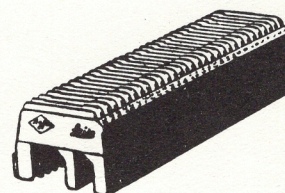
Catalog Number	Item
37,929	Built-in Device for Optional Continuous Cycling of the magazine for continuous projection with a Pradovit-Color 150 Projector. Complete with two activating plates
37,940	Built-in Device for Optional Continuous Cycling of the magazine for continuous projection with a Pradovit-Color 250 Projector. Complete with two activating plates
37,933	Activating Plate , as replacement, for use with continuing cycling device

IMPORTANT

Please read the paragraphs above carefully.

LEITZ MAGAZINES FOR PRADOVIT AND PRADOLUX PROJECTORS

37,803	Magazine 2-Pack , package of two 30-slide magazines and two slide retaining straps in transparent plastic box
37,802	Plastic Storage Box , transparent. Holds two 30-slide Leitz projector magazines. As supplied with #37,803
37,844	36-Slide Magazine 2-Pack . Package of two 36-slide magazines and two slide retaining straps in stackable drawer-type storage box
37,845	Plastic Storage Box , stackable drawer-type, as supplied with #37,844
37,855	50-Slide Magazine 2-Pack . Package of two 50-slide magazines and two slide retaining straps in stackable drawer-type storage box
37,856	Plastic Storage Box , stackable drawer-type, as supplied with #37,855
98,230	One Box of Twelve Slide Retaining Straps for 30 slide magazine
98,236	One Box of Twelve Slide Retaining Straps for 36 slide magazine
98,250	One Box of Twelve Slide Retaining Straps for 50 slide magazine



PRADOVIT—COLOR ACCESSORIES

MULTIPLE PROJECTION SYSTEM

Catalog Number	Item
98,761	Multiple Projection System , control unit for alternate projection with two Pradovit-Color 250 Autofocus projectors, however, without lenses, lens sleeves, and field condensers, but including the required connection cords and remote control cord

PRADOVIT TAPE SYNCHRONIZATION ACCESSORIES

37,908	Pradovit Multiple Outlet , with connecting cable, is now in two forms. The "old" type, without markings, for Pradovit FA, N and N24 projectors; and the "new" type, identified by Recorder and remote control markings, for the Pradovit-Color projector. Permits use of remote control and focusing cord with synchronizer connecting cable #37,907
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NOTE: When ordering, specify for which projector the outlet is required.

ACCESSORIES FOR THE PRADOVIT-COLOR PROJECTORS

37,936	Special Light Pointer , attaches directly to remote control switch panel without requiring any special adjustments
37,721	Spare Bulb for Pradovit Color Pointer (Catalog No. 37,936)
37,937	Adapter Brackets for Pradovit Color ; will accept Micro Projection Attachments as well as other front Attachments of the Prado (See Page 14)
37,656	Line cord
37,934*	Remote-Control cord , 10 ft. (Not for AF models)
37,941*	Remote-Control cord , 10 ft. for AF models
37,931	16 ft. Extension for remote-control cord
37,932	50 ft. Extension for remote-control cord
37,930	Snap-on cover as replacement for Pradovit-Color projector , equipped with lenses up to 120mm focus
37,952	Special Carrying Case , for Pradovit Color 150 and 150 Auto-Focus to accommodate all lenses up to and including 250mm focal length
37,962	Special Carrying Case , for Pradovit Color 250 and 250 Auto-Focus to accommodate all lenses up to and including 250mm focal length
37,717	Halogen low-voltage lamp , 24V, 150W (domestic)
37,723	Halogen low-voltage lamp , 24V, 250W (imported)

***NOTE:**

This remote-control cord is only for the PRADOVIT-COLOR. It must not be used on any Pradovit-N or FA projectors or damage to the projector will result. Likewise, the remote-control cord from the former Pradovits must never be used on the PRADOVIT-COLOR.

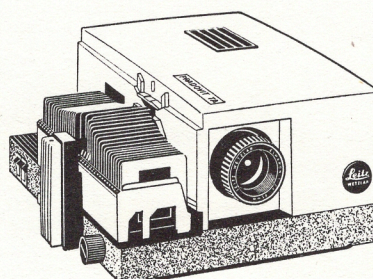
PRADOVIT TA

The Pradovit TA is a low voltage 150 watt, 24 volt Halogen lamp projector for 35mm slides offered at moderate prices, but with the superb optical qualities of the Pradovit Color projectors. Pradovit TA uses the same slide trays as the Pradovit Color and is motorized for forward and reverse slide changing. Manual operation is possible, as is single slide projection. A direct and highly efficient fan cools the housing, slides and lamp. The voltage selector switch gives a choice

of either 110-130V or 220-240V power supply. Pradovit TA is also equipped with an economical and full power switching, automatic thermal cut-off, a three way lamp adjustment, aspheric illumination optics: interchangeable condenser, heat filter and reflector in common mounting. The Pradovit TA is the ideal choice for home use for those who do not require the automatic features of the Pradovit Color projectors.

PRADOVIT TA PROJECTOR

Catalog Number	Item
30,157	Pradovit TA Projector, complete with 50mm Elmaron f/2.8 projection lens
30,159	Pradovit TA Projector, complete with 85mm Elmaron f/2.8 projection lens
30,160	Pradovit TA Projector, complete with 90mm Colorplan f/2.5 projection lens



ACCESSORIES FOR PRADOVIT TA

37,945	Case
37,717	Projection Bulb, 24V, 150 watt Halogen (as replacement)
37,645	Line Cord (replacement)

LENSES FOR PRADOVIT TA

37,051	50mm Elmaron f/2.8 projection lens
37,003	85mm Elmaron f/2.8 projection lens
37,005	90mm Colorplan f/2.5 projection lens

NOTE: The above lenses are interchangeable. No additional focusing mount required.

FIELD CONDENSERS FOR PRADOVIT TA

37,220	Field condenser for 50mm Elmaron f/2.8 projection lens
37,219	Field condenser for 85mm Elmaron f/2.8 and 90mm Colorplan f/2.5 projection lens

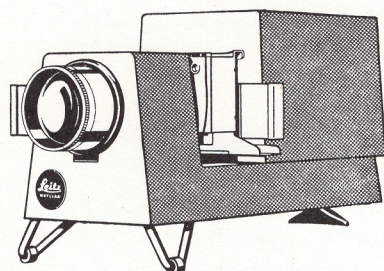
This smallest of the Leitz projectors is powerful far beyond its specifications. Measuring only 8½ x 4¼ x 5¼-inches and using a 150W, 110V bulb, it puts more light on the screen than some projectors of 300W.

The Pradix is designed to offer portability, simple operation, versatility and optical excellence

at a low price. Its manual slide changer accepts all 2 x 2-inch slides.

The Pradix is an excellent choice as a table-top projector for slide editing and sales presentation work, for regular home projection or for taking along on your travels.

A socket in the base of the Pradix permits you to use an ordinary tripod as a projection stand, if you wish.



Pradix Projector

PRADIX PROJECTOR

Catalog Number	Item
31,403	Pradix Projector, complete with 85mm Elmaron f/2.8 projection lens, manual slide changer, 150W bulb
31,456	Pradix Projector, as above, but with 50mm Elmaron f/2.8 projection lens

ACCESSORIES FOR THE PRADIX

37,413	Plastic Carrying Case
37,849	Slide Changer
37,846	Film Strip Carrier
98,588	Projection Bulb BEH, 150W, 115-120V
37,207	Condenser for 85mm projector lens
37,208	Condenser for 50mm projection lens

LENSES FOR PRADIX

37,051	50mm Elmaron f/2.8 projection lens
37,003	85mm Elmaron f/2.8 projection lens

PRADO UNIVERSAL

PRADO UNIVERSAL PROFESSIONAL "35" & "2¼ x 2¼"

The Prado Universal Projectors are perhaps the most precise and versatile instruments of their kind available. Powerful, versatile (ten different lenses available for the Prado Universal "35" and six for the Prado Universal "2¼ x 2¼"), the manually operated Prado-Universal can turn its hand to nearly any projection job. Accessories adapt it to project microscope slides and even the image of living organisms. Or, it can be quickly switched to film strip projection or converted to a reader for micro-filmed records.

The Prado Universal "35" Projector is for 2 x 2 inch slide mounts. The Prado Universal "2¼ x 2¼" is basically the same projector, but its optics and slide carriers are designed to work most efficiently with transparencies larger than 35mm or Superslides. For casual viewing, the

smaller slides can be used in the Prado Universal "2¼ x 2¼" by just replacing the slide carrier with one designed for 2 x 2 inch slide mounts. But for maximum optical efficiency, the entire front assembly of the "2¼ x 2¼" as well as its illuminating system with reflector and aspherical condenser plus its heat absorption filter should be replaced with the components especially designed for the Prado Universal "35". This is important if the smaller slides are to be projected frequently.

This replacement effectively converts the Prado Universal "2¼ x 2¼" into the Prado Universal "35". Conversely, the Prado Universal "35" can be converted readily into the Prado Universal "2¼ x 2¼" by replacing its original components with one designed for the larger transparencies.

PRADO-UNIVERSAL PROJECTORS ARE AVAILABLE IN TWO MODELS. THEY ARE:

PRADO-UNIVERSAL "35" PROFESSIONAL PROJECTOR

For slides in 2" x 2" mounts, with low voltage Halogen-lamp 24V, 250W two path blower, voltage selector 100-240V, supply line cord, illuminating system with reflector and aspherical

condenser, heat absorption filter, with front assembly, field condenser, slide changer and projection lens.

PRADO-UNIVERSAL 2¼" x 2¼" PROFESSIONAL PROJECTOR

For slides in 2¾" x 2¾" mounts, with Halogen-lamp 24V, 250W two path blower, voltage selector 100-240V, supply-line cord, illuminating

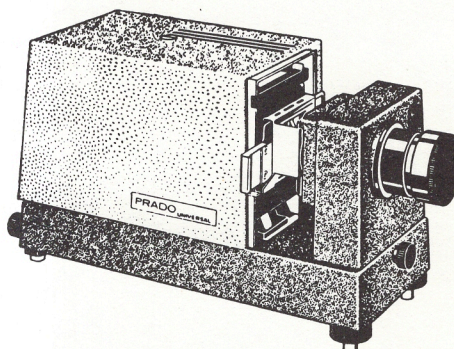
system with reflector, aspherical condenser and heat absorption filter, with front assembly, field condenser, slide changer and projection lens.

Each of these projectors is offered with a wide selection of projection lenses. For prices and catalog numbers, see the chart on the next page.

PRADO-UNIVERSAL PROJECTORS

WITH PROJECTION LENS	PRADO-UNIVERSAL "35"	PRADO-UNIVERSAL "2¼ x 2¼"
Elmaron 35mm f/2.8	Cat. #31,618	Not Available *
Elmaron 50mm f/2.8	Cat. #31,619	Not Available *
Colorplan 90mm f/2.5	Cat. #31,620	Not Available *
Hektor 120mm f/2.5	Cat. #31,621	Not Available *
Elmaron 150mm f/2.8	Cat. #31,622	Cat. #31,628
Elmaron 200mm f/3.6	Cat. #31,623	Cat. #31,629
Hektor 200mm f/2.5	Cat. #31,624	Cat. #31,630
Elmaron 250mm f/4	Cat. #31,625	Cat. #31,631
Hektor 250mm f/2.8	Cat. #31,626	Cat. #31,632
Hektor 300mm f/2.8	Cat. #31,627	Cat. #31,633

*Only lenses of 150mm focal length and longer are used on Prado-Universal "2¼ x 2¼"



PRADO-UNIVERSAL "35"

PRADO - UNIVERSAL CONVERSION

CONVERSIONS

The Prado-Universal "35" may be easily converted to the Prado-Universal "2¼ x 2¼" model, as may the "2¼ x 2¼" be converted to the "35" model.

TO CONVERT A PRADO-UNIVERSAL "35" TO PRADO-UNIVERSAL "2¼ x 2¼"

TO USE THIS LENS*

YOU NEED THESE COMPONENTS

	FRONT ASSEMBLY	COVER PLATE	ILLUMINATING SYSTEM WITH FILTER	SLIDE CHANGER	FOCUSING SLEEVE
150mm f/2.8 Elmaron Cat. #37,030	Cat. #32,311	Cat. #37,867	Cat. #37,871	Cat. #37,815	Cat. #37,186
200mm f/3.6 Elmaron Cat. #37,061	Cat. #32,310	Cat. #37,867	Cat. #37,871	Cat. #37,815	Cat. #37,188
200mm f/2.5 Hektor Cat. #37,079	Cat. #32,310	Cat. #37,867	Cat. #37,871	Cat. #37,815	Cat. #37,189
250mm f/4 Elmaron Cat. #37,081	Cat. #32,310	Cat. #37,867	Cat. #37,871	Cat. #37,815	Cat. #37,190
250mm f/2.8 Hektor Cat. #37,098	Cat. #32,310	Cat. #37,867	Cat. #37,871	Cat. #37,815	Cat. #37,191
300mm f/2.8 Hektor Cat. #37,093	Cat. #32,310	Cat. #37,867	Cat. #37,871	Cat. #37,815	Cat. #37,192

*Only lenses of a focal length of 150mm or longer can be used with a Prado-Universal "2¼ x 2¼"

TO CONVERT A PRADO-UNIVERSAL "2¼ x 2¼" TO A PRADO-UNIVERSAL "35"

TO USE THIS LENS

YOU NEED THESE COMPONENTS

	FRONT ASSEMBLY	ILLUMINATING SYSTEM	FIELD CONDENSER	HEAT FILTER	SLIDE CHANGER	FOCUSING SLEEVE
35mm f/2.8 Elmaron Cat. #37,041	Cat. #32,402	Cat. #37,872	Cat. #37,216	Cat. #37,869	Cat. #37,849	Cat. #37,119
50mm f/2.8 Elmaron Cat. #37,051	Cat. #32,402	Cat. #37,872	Cat. #37,216	Cat. #37,869	Cat. #37,849	Cat. #37,119
90mm f/2.5 Colorplan Cat. #37,010	Cat. #32,402	Cat. #37,872	Cat. #37,215	Cat. #37,869	Cat. #37,849	Cat. #37,120
120mm f/2.5 Hektor Cat. #37,020	Cat. #32,402	Cat. #37,872	Cat. #37,215	Cat. #37,869	Cat. #37,849	Cat. #37,120
150mm f/2.8 Elmaron Cat. #37,030	Cat. #32,402	Cat. #37,872	Cat. #37,214	Cat. #37,869	Cat. #37,849	Cat. #37,121
200mm f/3.6 Elmaron Cat. #37,061	Cat. #32,402	Cat. #37,872	Cat. #37,213	Cat. #37,869	Cat. #37,849	Cat. #37,123
200mm f/2.5 Hektor Cat. #37,079	Cat. #32,402	Cat. #37,872	Cat. #37,213	Cat. #37,869	Cat. #37,849	Cat. #37,125
250mm f/4 Elmaron Cat. #37,081	Cat. #32,402	Cat. #37,872	Cat. #37,213	Cat. #37,869	Cat. #37,849	Cat. #37,124
250mm f/2.8 Hektor Cat. #37,098	Cat. #32,402	Cat. #37,872	Cat. #37,213	Cat. #37,869	Cat. #37,849	Cat. #37,126
300mm f/2.8 Hektor Cat. #37,093	Cat. #32,402	Cat. #37,872	Cat. #37,213	Cat. #37,869	Cat. #37,849	Cat. #37,127

PRADO UNIVERSAL ACCESSORIES

BASIC COMPONENTS FOR PRADO UNIVERSAL "35"

Catalog Number	Item
31,600	Basic Prado-Universal Projector housing with blower, WITHOUT lamp, cord, condenser system, front assembly or lens
37,872	Illuminating System with reflector and aspherical condenser
37,869	Heat Absorption Filter

FRONT ASSEMBLY

32,402	Front Attachment only
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BASIC COMPONENT PARTS FOR PRADO-UNIVERSAL "2 1/4 x 2 1/4"

31,600	Basic Prado-Universal Projector housing only
NOTE	This is the same basic housing as used on the Prado-Universal "35".
37,871	Illuminating System with aspherical condenser and heat absorption filter
37,867	Cover Plate

FRONT ASSEMBLIES

32,311	Front Assembly "6x6" with field condenser for 150mm Elmaron lens
32,310.	Front Assembly "6x6" with field condenser for lenses 200, 250, and 300mm

SLIDE & FILM STRIP CARRIERS FOR PRADO UNIVERSAL "35"

98,477	Semi-automatic Magazine Changer for Prado Universal — accepts the 30, 36 or 50-slide magazines supplied for the Pradovit; magazines not included
98,478	Semi-automatic Magazine Changer for discontinued Prado 500 — accepts the 30, 36 or 50-slide magazines supplied for the Pradovit; magazines not included
98,849	Manual Slide Changer for 2x2 slides, greater separation between slides than on changer number 37,849 facilitates feeding of slides from both sides
37,849	Manual Slide Changer for 2x2 slides
37,868	Film Strip Carrier for 24x36mm with mask 18 x 24mm

SLIDE CHANGERS FOR PRADO-UNIVERSAL "2 1/4 x 2 1/4"

37,815	Manual Slide Changer for 2 3/4" x 2 3/4" (70 x 70mm) Area 54 x 54mm
37,816	Manual Slide Changer for 2 1/4" x 2 1/4" (60 x 60mm), Area 54 x 54mm
37,865	Manual Slide Changer for 2" x 2" slides, 24 x 36mm or superslides, Area 38 x 38mm

CONNECTING CORDS FOR PRADO UNIVERSAL "35" AND "2 1/4 x 2 1/4"

37,656	Supply-Line Cord
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SPARE LAMPS FOR PRADO UNIVERSAL "35" AND "2 1/4 x 2 1/4"

37,723	Halogen Low Voltage Lamp 24 Volt, 250 Watt
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CARRYING CASES FOR PRADO UNIVERSAL

37,942	Carrying Case for Prado-Universal with lenses up to 150mm focus
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PRADO - UNIVERSAL ACCESSORIES

LENSES, FOCUSING SLEEVES AND FIELD CONDENSERS FOR PRADO-UNIVERSAL "35"

LENS	FOCUSING SLEEVE	FIELD CONDENSER
35mm Elmaron f/2.8 Cat. #37,041	Cat. #37,119	Cat. #37,216
50mm Elmaron f/2.8 Cat. #37,051	Cat. #37,119	Cat. #37,216
90mm Colorplan f/2.5 Cat. #37,010	Cat. #37,120	Cat. #37,215
120mm Hektor f/2.5 Cat. #37,020	Cat. #37,120	Cat. #37,215
150mm Elmaron f/2.8 Cat. #37,030	Cat. #37,121	Cat. #37,214
200mm Elmaron f/3.6 Cat. #37,061	Cat. #37,123	Cat. #37,213
200mm Hektor f/2.5 Cat. #37,079	Cat. #37,125	Cat. #37,213
250mm Elmaron f/4 Cat. #37,081	Cat. #37,124	Cat. #37,213
250mm Hektor f/2.8 Cat. #37,098	Cat. #37,126	Cat. #37,213
300mm Hektor f/2.8 Cat. #37,093	Cat. #37,127	Cat. #37,213

LENSES, FOCUSING SLEEVES, AND FRONT ASSEMBLIES WITH FIELD CONDENSERS FOR PRADO-UNIVERSAL "2 1/4 x 2 1/4"

LENS	FOCUSING SLEEVE	FRONT ASSEMBLY WITH FIELD CONDENSER
150mm Elmaron f/2.8 Cat. #37,030	Cat. #37,186	Cat. #32,311
200mm Elmaron f/3.6 Cat. #37,061	Cat. #37,188	Cat. #32,310
200mm Hektor f/2.5 Cat. #37,079	Cat. #37,189	Cat. #32,310
250mm Elmaron f/4 Cat. #37,081	Cat. #37,190	Cat. #32,310
250mm Hektor f/2.8 Cat. #37,098	Cat. #37,191	Cat. #32,310
300mm Hektor f/2.8 Cat. #37,093	Cat. #37,192	Cat. #32,310

MICROPROJECTION ATTACHMENTS

These Attachments may be used with the Prado Universal, Pradovit Color, and the Former Prado 500 and Prado 66 projectors. For use with the Pradavit Color projectors adapter #37,937 must be used.

Catalog Number	Item
32,820	Large Micro Projection Attachment with objectives 4/0.12, 10/0.25 and 25/0.50 as well as 4X Huygens projection eyepiece
32,821	Large Vertical Micro Projection Attachment with objectives, 4/0.12, 10/0.25 and 25/0.50 as well as 4X Huygens projection eyepiece, guide rails and deflecting mirror
37,937	Adapter Brackets for Pradovit Color; will accept Micro Projection Attachments as well as other front Attachments of the Prado
31,635	Prado-Universal "35" Professional Projector For Micro Attachments. For slides in 2"x2" mounts, with low voltage Halogen-lamp 24V, 250W two path blower, voltage selector 100-240V, supply-line cord, illuminating system with reflector and aspherical condenser, heat absorption filter, WITHOUT front assembly, field condenser, slide changer, projection lens and focusing sleeve

PROJECTION TABLES

PROJECTION DISTANCES IN FEET

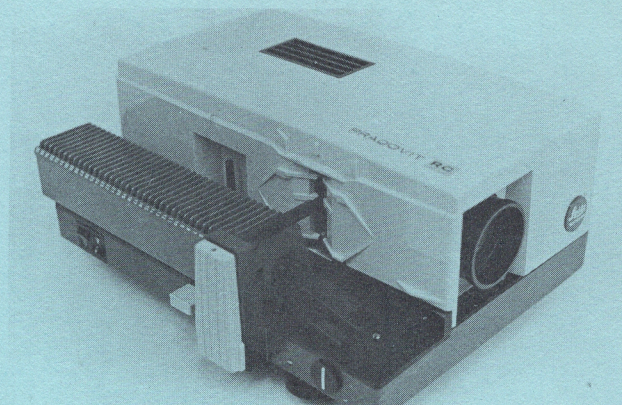
TRANSPARENCIES 24x36 mm												TRANSPARENCIES 2¼ x 2¼" or 2¾ x 2¾" (effective size 54x54 mm)				
FOCAL LENGTH OF PROJECTION LENSES IN mm																
	35	50	85	90	100	120	150	175	200	250	300	150	175	200	250	300
7'	6'7"	4'9"										3'5"				
10'	9'10"	7'1"	4'	3'9"	3'5"							4'7"	4'1"	3'5"		
13'	13'1"	9'2"	5'3"	5'1"	4'7"	3'11"						5'9"	5'1"	4'3"	3'5"	
16'		11'6"	6'7"	6'6"	5'11"	4'11"	3'11"					7'1"	6'1"	5'3"	4'1"	3'7"
20'		13'9"	8'2"	7'8"	7'1"	5'11"	4'7"	4'3"				8'2"	7'1"	6'1"	4'9"	4'1"
23'			9'4"	9'	8'3"	6'11"	5'5"	4'9"				9'4"	8'	6'11"	5'7"	4'9"
26'			10'8"	10'4"	9'4"	7'8"	6'3"	5'5"	4'7"			10'6"	9'2"	7'10"	6'3"	5'3"
30'			12'3"	11'6"	10'6"	8'10"	7'1"	6'1"	5'3"			11'8"	10'2"	8'8"	6'11"	5'11"
33'			13'6"	12'10"	11'8"	9'10"	7'10"	6'11"	5'9"	4'7"		12'11"	11'4"	9'6"	7'7"	6'7"
36'					12'11"	10'10"	8'6"	7'5"	6'5"	5'1"		14'1"	12'4"	10'6"	8'4"	7'1"
39'					14'1"	11'10"	9'4"	8'2"	6'11"	5'7"	4'7"		13'1"	11'6"	9'	7'9"
43'						12'10"	10'2"	8'10"	7'7"	6'1"	4'11"		14'1"	12'4"	9'10"	8'2"
46'						13'9"	11'	9'6"	8'2"	6'7"	5'5"			13'1"	10'6"	8'10"
49'							11'8"	9'10"	8'8"	7'1"	5'9"			14'1"	11'2"	9'6"
52'							12'2"	10'8"	9'4"	7'5"	6'1"				11'10"	10'
56'								11'6"	9'10"	7'10"	6'7"				12'8"	10'8"
59'								12'4"	10'6"	8'4"	6'11"				13'3"	11'4"
62'								13'1"	11'2"	8'10"	7'3"				14'1"	11'10"
66'								13'9"	11'10"	9'4"	7'9"					12'4"
69'									12'4"	9'10"	8'					13'
72'									12'10"	10'4"	8'4"					14'9"
82'									14'9"	11'10"	9'6"					
98'										14'1"	11'6"					
115'											13'5"					

Figures give the longer screen image side.
Corresponding square projection screens should be used to allow for horizontal and vertical pictures of the 24 x 36 mm frame

MICRO PROJECTION ATTACHMENT						
25 mm Summar f/2.8 – 10 mm Stage Aperture						
Screen Distance	6'	9'	12'	15'	18'	21'
Magnification	72 x	109 x	145 x	182 x	219 x	255 x
Image Size	2' 4"	3' 7"	4' 9"	6'	7' 2"	8' 4"

PRADOVIT RC

The Pradovit RC offers the same superb optical quality of the Pradovit-Color projectors, but is designed as a lower priced companion. The Pradovit RC features a 24 volt, 150 watt halogen lamp, remote control through a cable that combines forward, reverse, and focus buttons, plus a light-pointer. There are part and full-brightness switches for the lamp; and the "floating" electrical circuitry is designed to be completely shockproof. Lenses available range from the wide-angle 50mm through the 150mm lens for classroom use.



PRADOVIT RC PROJECTOR

Catalog Number		List Price
30,180	Pradovit RC, basic unit, without line cords, remote control unit, lens, lamp and condensor	\$ 102.00
30,182	Pradovit RC complete with 50mm f/2.8 Elmaron lens . . .	198.00 E
30,183	Pradovit RC complete with 85mm f/2.8 Elmaron lens . . .	168.00 E
30,184	Pradovit RC complete with 90mm f/2.5 Colorplan lens . . .	198.00 E
30,186	Pradovit RC complete with 150mm f/3.2 Elmaron lens . . .	198.00 E

ACCESSORIES FOR PRADOVIT RC

37,945	Case	\$ 12.00
37,717	Projection bulb, 24 volt, 150 watt Halogen (as replacement) .	9.90
37,645	Line cord (replacement)	4.50
37,946	Remote control unit (as replacement)	15.00
37 911	Multiple outlet	12.00

LENSES FOR PRADOVIT RC

37,051	50mm Elmaron f/2.8 projection lens	\$ 60.00
37,003	85mm Elmaron f/2.8 projection lens	30.00
37,005	90mm Colorplan f/2.5 projection lens	60.00
37,031	150mm f/3.2 Elmaron projection lens	63.00

NOTE: Above lenses are interchangeable. No additional focusing mount required.

FIELD CONDENSERS FOR PRADOVIT RC

37,220	Field condenser for 50mm Elmaron f/2.8 projection lens . .	\$ 9.00
37,219	Field condenser for 85mm Elmaron f/2.8, 90mm Colorplan f/2.5 and 150mm f/3.2 Elmaron projection lens	9.00