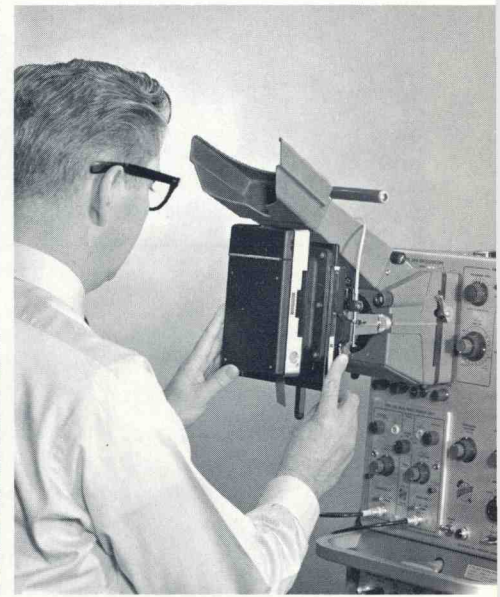
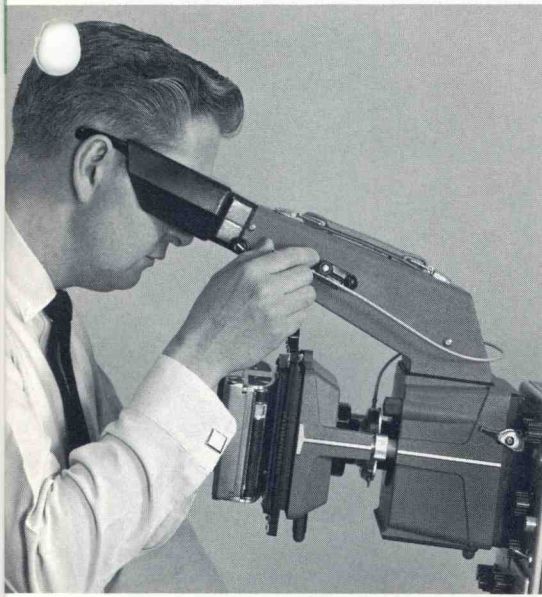


CAMERAS

CAMBERS

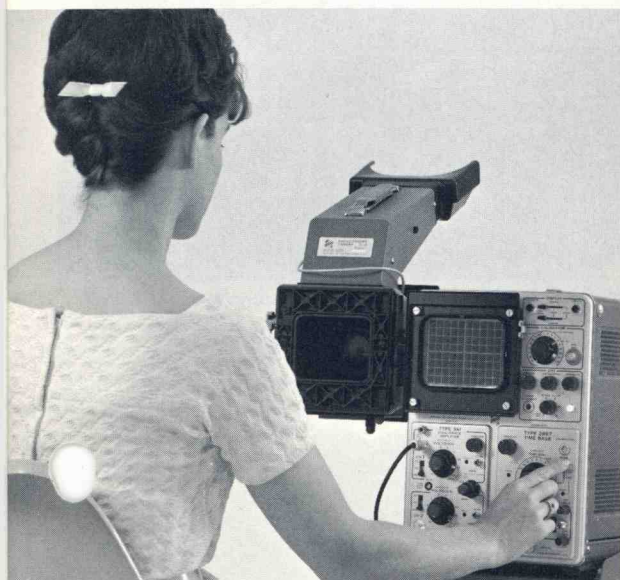
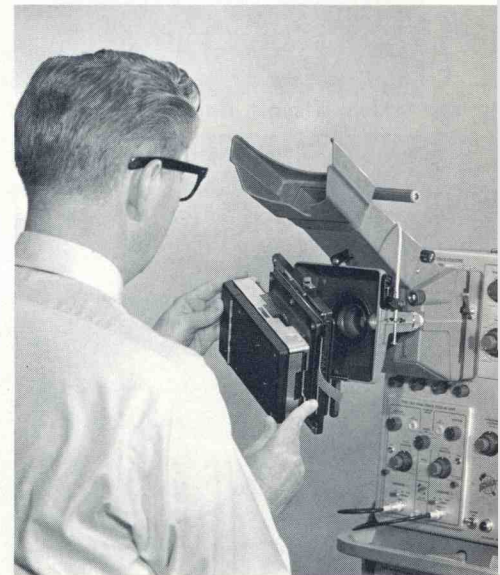
Type C-12, C-13, C-19 & C-27 Cameras



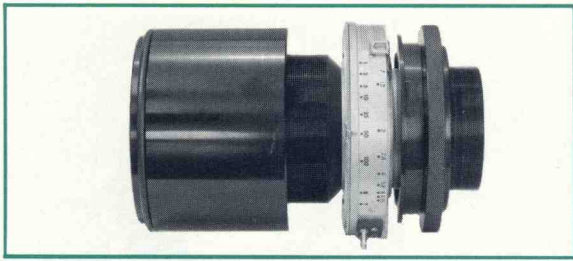
DESIGN FEATURES

- Lift-On Mounting and Swing-Away Hinging—unrestricted crt viewing for normal oscilloscope operation
- Easily-Accessible Shutter Controls—no groping or camera removal necessary for adjustment
- Comfortable Binocular Viewing—with or without glasses*
- Locking Focus Control—quick adjustment for use on more than one oscilloscope
- Sliding Back—nine positive detent positions for multiple exposures
- Rotating Back—horizontal or vertical mounting for most efficient use of film

*C-13 features hinged viewing aperture in place of viewing hood.



Cameras



A WORD ABOUT LENSES

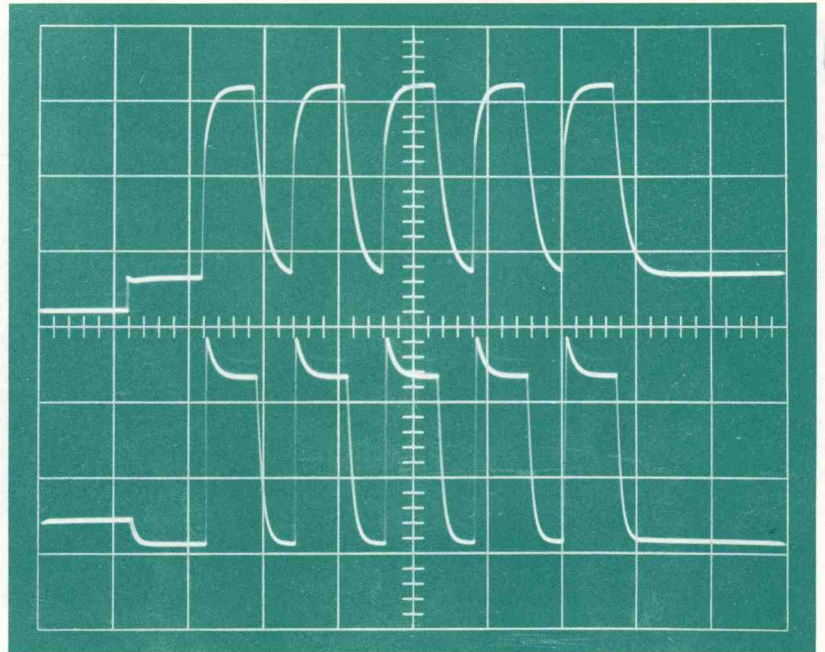
Seven interchangeable lenses are available for use with the Polaroid Land or Graflok Film Backs. The Type 350 Camera Attachment contains its own lens.

Lens optics are designed to meet the strict requirements of precision oscillography: flat field, low distortion, and high resolution even at maximum aperture openings.

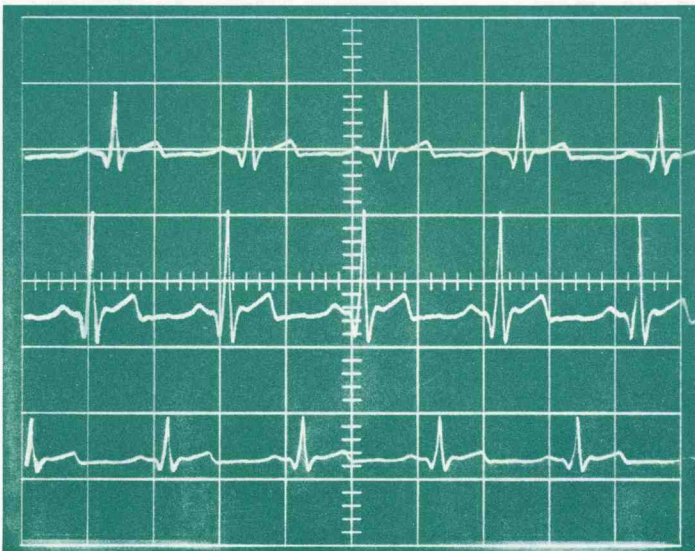
Lenses are set for precise object-to-image ratios in prefocused mounts, for easy interchange in camera.

The wide range of object-to-image ratios and maximum apertures permits selection of the lens which is most right for your application.

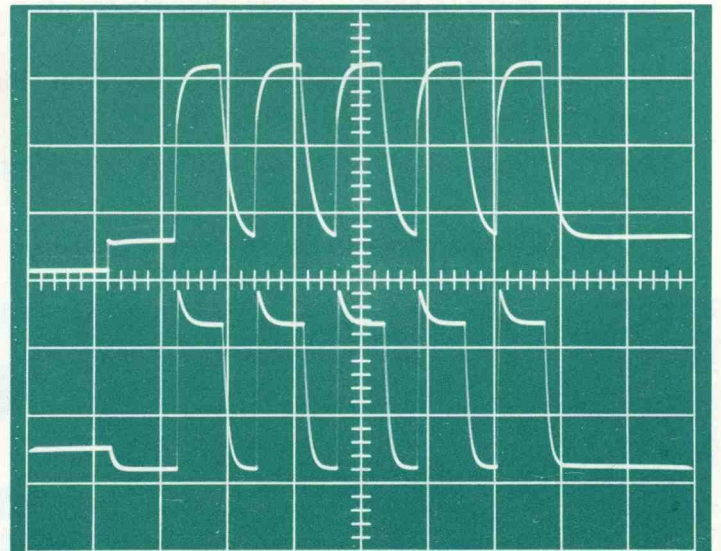
*Writing Rate Factor (WRF) is an arbitrary indication of the relative light-gathering capability of the various lenses. A WRF of 4 indicates four times as much light-gathering ability as a WRF of 1.



PRECISE FULL-SIZE IMAGE— $f/1.4$, 1:1 object-to-image ratio . . . for precise full-size records . . . measurements can be scaled directly off photograph with maximum resolution . . . WRF* of 7.

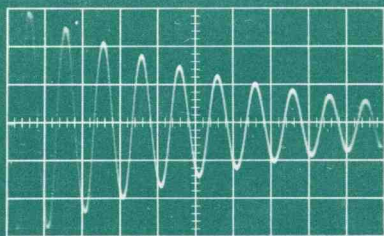


GENERAL PURPOSE— $f/1.9$, 1:0.85 object-to-image ratio . . . image brightness sufficient for most applications. When photographing 8 x 10 cm graticules or 10 x 10 division graticules, such as used on Tektronix Types 570, 575, and 536, we recommend use of the $f/1.9$, 1:0.85 lens to provide the largest size image that will still fall within the 73.4 x 97 mm maximum recording area of 3 1/4 x 4 1/4 size Polaroid film . . . WRF* of 4.

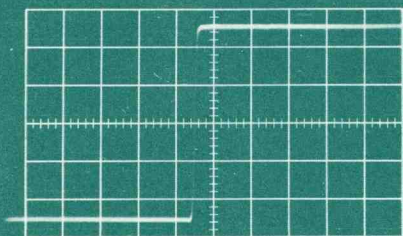
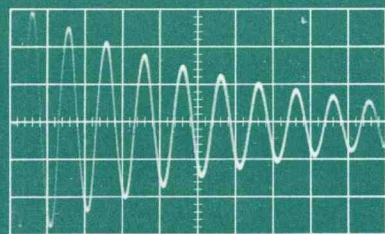


GENERAL PURPOSE— $f/1.9$, 1:0.9 object-to-image ratio . . . image brightness sufficient for most applications . . . records up to 8 x 10-cm graticule on 3 1/4 x 4 1/4 film with maximum resolution . . . WRF* of 4.

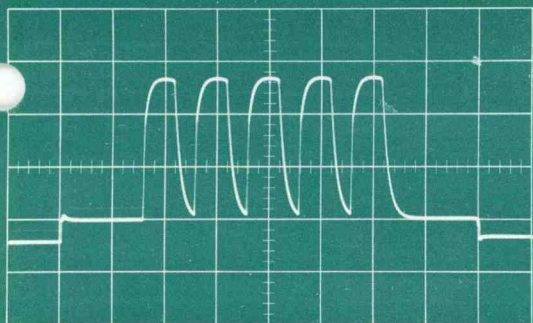
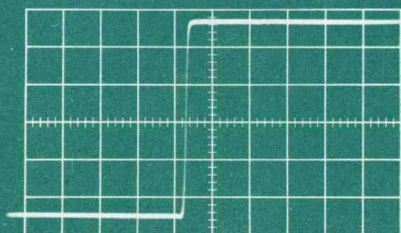
Cameras



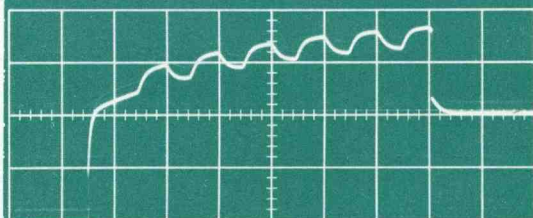
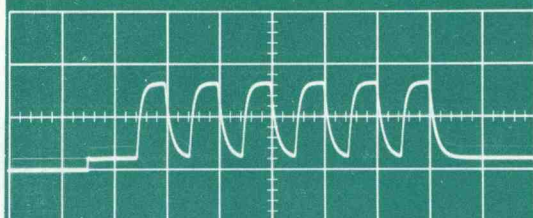
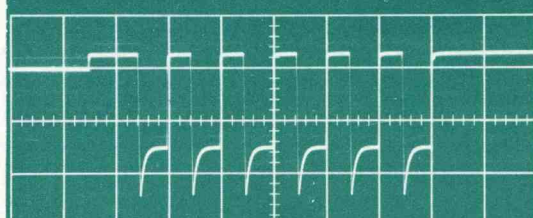
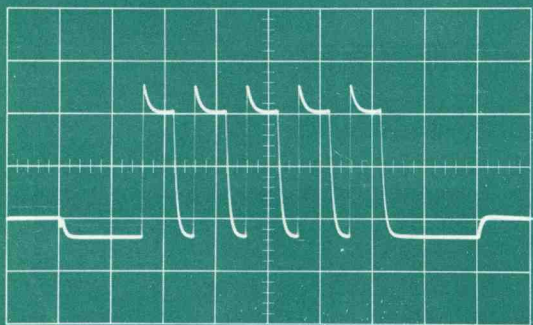
HIGH WRITING RATE— $f/1.9$, 1:0.5 object-to-image ratio . . . for high writing rate applications such as single-shot photography of fast transients . . . recommended for use with Tektronix Type 519 and 580-Series Oscilloscopes . . . WRF* of 6.



ULTRA-HIGH WRITING RATE— $f/1.3$, 1:0.5 object-to-image ratio . . . for applications where writing rate is the prime consideration . . . advances the state of the art and in combination with the C-19 Main Frame makes possible the recording of higher-speed phenomena than before . . . WRF* of 12.

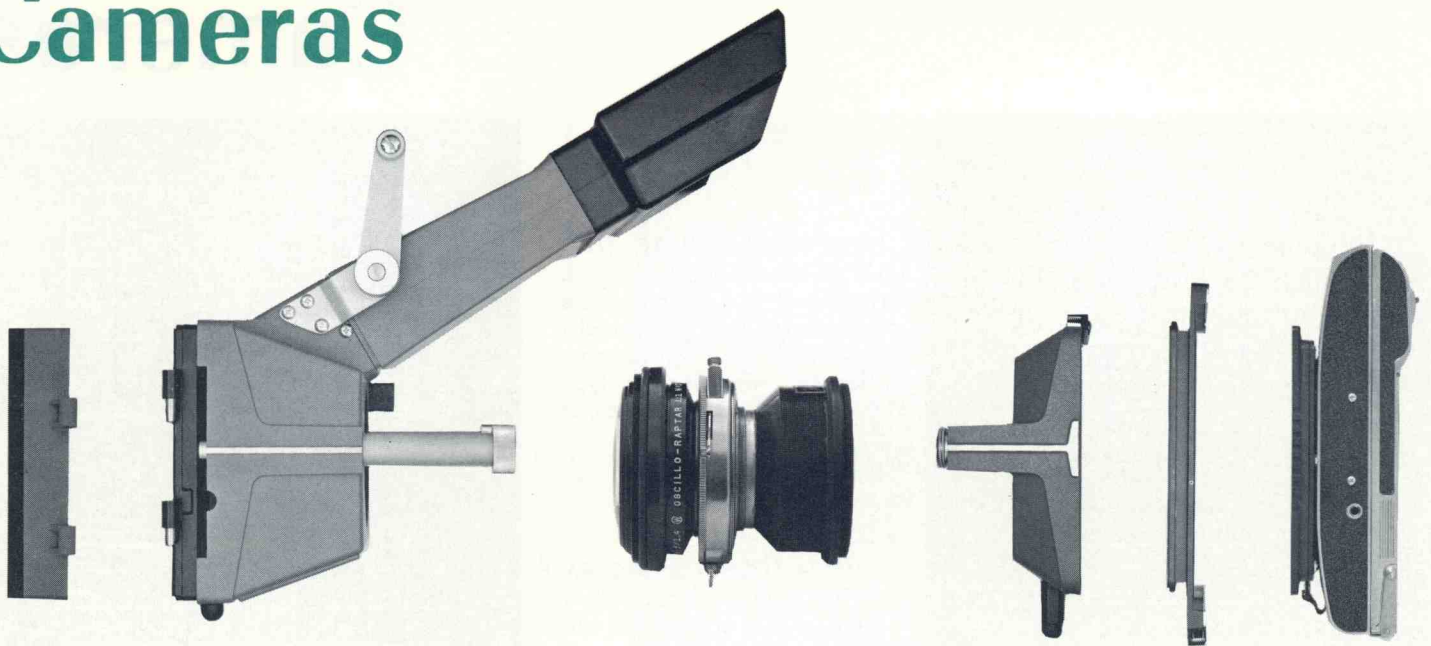


ECONOMY— $f/4.5$, 1:0.7 object-to-image ratio . . . for economy of price and efficient use of film where high writing rate is not required . . . 3 records of 4 x 10-cm graticule, or 2 records of 6 x 10-cm graticule on 3 1/4 x 4 1/4 film . . . WRF* of 1.



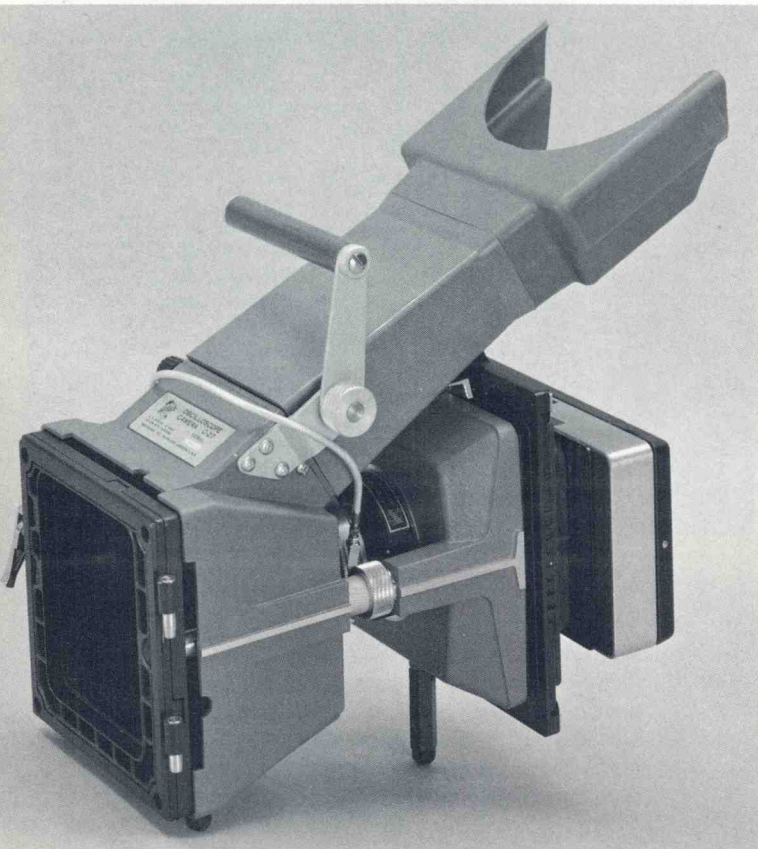
ECONOMY & SPEED— $f/1.9$, 1:0.7 object-to-image ratio . . . efficient use of film . . . WRF* of 5.

Cameras



Tektronix Trace-Recording Cameras are designed for maximum flexibility and easy interchange of components. A complete camera consists of an appropriate mounting bezel, main frame assembly, lens, rear frame, rotating slide adapter, and film back. For 35-mm photography, only a bezel, main frame assembly, and Type 350 Camera Attachment are required. Four Standard Camera Assemblies are described on the following pages. Variations of the standard cameras (using interchangeable lenses and backs and incorporating a shutter actuator with built-in power supply) are also available as custom cameras. Each component part can be ordered separately for further versatility or for addition to a present Tektronix Trace-Recording Camera. Your nearest Tektronix Field Office or Representative is ready to assist you in your trace-recording needs.

STANDARD C-27 CAMERA



The C-27 Camera combines general-purpose utility and performance in a design compact enough for multiple stacking on 7" Rack-Mount Oscilloscopes.

Direct binocular viewing is featured. For stacking, the viewing tunnel is removed and the carrying handle folded out of the way. The camera frame can be rotated 90° or 180° to view from the top, bottom, or either side. The f/1.9—1:0.85 lens supplied with the Standard C-27 offers an ideal compromise of writing rate and image size (8 x 10-cm on 3 1/4 x 4 1/4 film or 10 x 10-cm coverage on 4 x 5 film) in a moderately-priced camera.

The Polaroid* Land Pack-Film Back offers convenient loading and picture development outside the camera. Dimensions overall are 13 7/32" high (only 8" with viewing tunnel removed) by 7 1/2" wide by 13 11/32" long (only 12" with viewing tunnel removed). Net weight is 10 pounds. Shipping weight is approximately 14 pounds.

C-27 CAMERA, (less mounting bezel—see page 14) \$420

Each camera includes: 1—cable release (122-586), 1—focus plate (387-893), 2—instruction manuals (070-383).

ROLL-FILM CAMERA identical to the Standard C-27, except a Polaroid Roll-Film Back is substituted for the Pack-Film Back.

C-27-R CAMERA, (less mounting bezel—see page 14) \$420

ELECTRICALLY-TRIGGERED CAMERA identical to the Standard C-27, but with a shutter actuator and built-in power supply. (See page 13.)

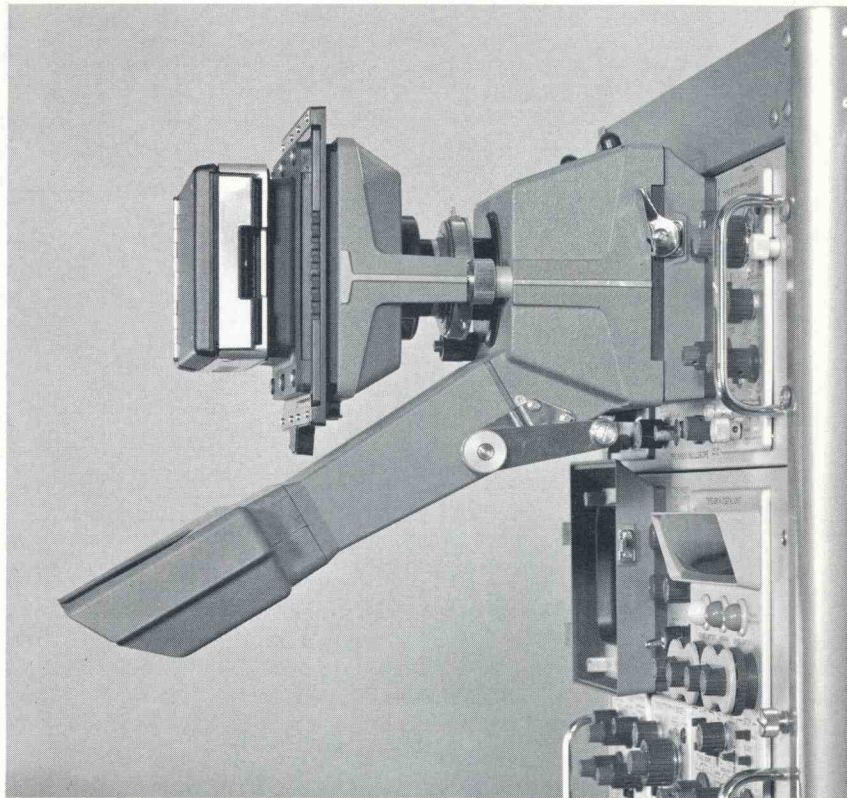
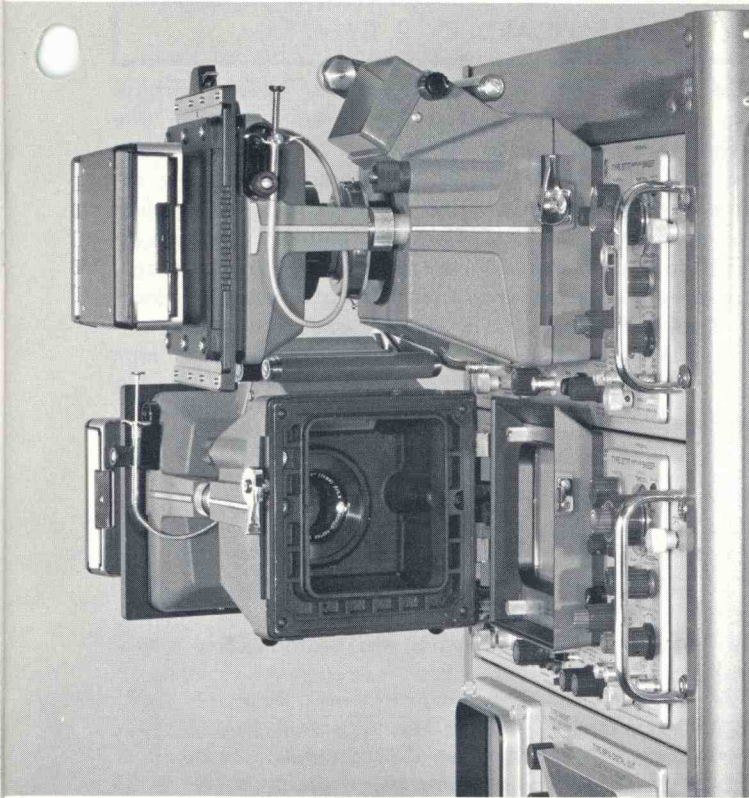
C-27-S CAMERA, (less mounting bezel—see page 14) \$575

ELECTRICALLY-TRIGGERED CAMERA with Roll-Film Back combines features of the C-27-R and C-27-S, above.

C-27-RS CAMERA, (less mounting bezel—see page 14) \$575

* Registered Trade-Mark Polaroid Corporation.

Cameras

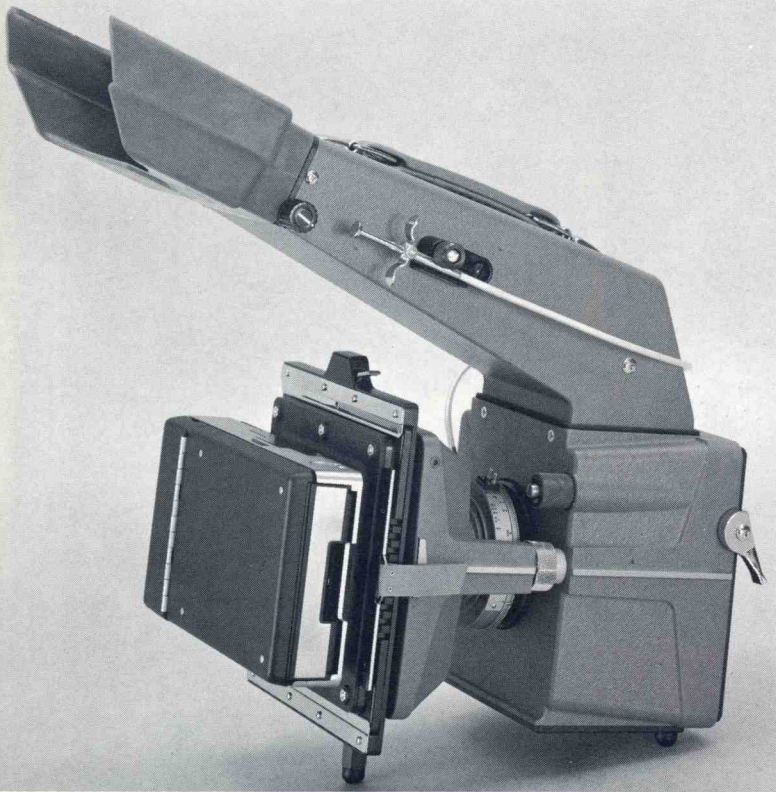


CUSTOM C-27 CAMERAS

LENS (Writing rate factor compared to Standard f/1.9, 1:0.85 lens)	SHUTTER ACTUATOR and BUILT-IN POWER SUPPLY	POLAROID FILM BACK	ORDER NO.	PRICE (less mounting bezel — see page 14)
ECONOMY and SPEED —f/1.9, 1:0.7 Records two 6 x 10-cm or three 4 x 10-cm graticules on 3 1/4 x 4 1/4 film, or one 10 x 10 cm with optional Graflok Back. Writing rate factor 1.25X Standard Lens.	No	Pack Film Roll Film	C-27-547 C-27-547 R	\$440 440
	Yes	Pack Film Roll Film	C-27-547 S C-27-547 RS	595 595
GENERAL-PURPOSE —f/1.9, 1:0.9 Records an 8 x 10-cm graticule on 3 1/4 x 4 1/4 film. Writing rate factor same as Standard Lens.	No	Pack Film Roll Film	C-27-548 C-27-548 R	420 420
	Yes	Pack Film Roll Film	C-27-548 S C-27-548 RS	575 575
HIGH WRITING RATE —f/1.9, 1:0.5 Records fast-writing displays such as single-shot transients. Writing rate factor 1.5X Standard Lens.	No	Pack Film Roll Film	C-27-549 C-27-549 R	460 460
	Yes	Pack Film Roll Film	C-27-549 S C-27-549 RS	615 615
ECONOMY —f/4.5, 1:0.7 Records two 6 x 10-cm or three 4 x 10-cm graticules on each film. Recommended when cost rather than writing rate is the prime consideration. Writing rate factor .25X Standard Lens.	No	Pack Film Roll Film	C-27-550 C-27-550 R	365 365
	Yes	Pack Film Roll Film	C-27-608 S C-27-608 RS	690 690
PRECISE FULL-SIZE IMAGE —f/1.4, 1:1 Records full-size image of 10 x 10-cm graticule (on 4 x 5 film with Graflok Back). Writing rate factor 1.75X Standard Lens.	No	Pack Film Roll Film	C-27-608 C-27-608 R	535 535
	Yes	Pack Film Roll Film	C-27-662 S C-27-662 RS	740 740
ULTRA-HIGH WRITING RATE —f/1.3, 1:0.5 Records two 6 x 10-cm graticules on each film. Writing rate factor 3X Standard Lens.	No	Pack Film Roll Film	C-27-662 C-27-662 R	585 585
	Yes	Pack Film Roll Film	C-27-662 S C-27-662 RS	740 740

Any Tektronix Standard or Custom Trace-Recording Camera can be ordered less back. Use suffix 'G' after the Order Number and deduct \$80 from the price. 4 x 5 and 2 1/4 x 3 1/4 Graflok Backs and accessories are shown on page 15.

Cameras



STANDARD C-12 CAMERA

The C-12 Camera is ideally suited for general-purpose trace recording. A beam-splitting mirror provides the operator with an on-axis binocular view of the crt display, and also allows use of the Projected Graticule accessory (see facing page). The $f/1.9-1:0.9$ lens supplied with the standard C-12 offers the ideal compromise of writing rate and image size (up to 8×10 cm coverage) in a moderately-priced camera. The Polaroid* Land Pack-Film Back offers convenient loading and picture development outside the camera. Dimensions overall $15 \frac{3}{8}$ " high by $7 \frac{1}{2}$ " wide by $17 \frac{1}{4}$ " long. Net weight is $12 \frac{3}{4}$ pounds. Shipping weight is approximately 15 pounds.

C-12 CAMERA, (less mounting bezel—see page 14) . . \$450

Each camera includes: 1—cable release (122-586), 1—focus plate (387-893), 2—instruction manuals (070-383).

ROLL-FILM CAMERA identical to the Standard C-12, except a Polaroid Roll-Film Back is substituted for the Pack-Film Back.

C-12-R CAMERA, (less mounting bezel—see page 14) \$450

ELECTRICALLY-TRIGGERED CAMERA identical to the Standard C-12, but with a shutter actuator and built-in power supply. (See page 13.)

C-12-S CAMERA, (less mounting bezel—see page 14) \$605

ELECTRICALLY-TRIGGERED CAMERA with Roll-Film Back combines features of the C-12-R and C-12-S, above.

C-12-RS CAMERA, (less mounting bezel—see page 14) \$605

CUSTOM C-12 CAMERAS

LENS (Writing rate factor compared to Standard $f/1.9, 1:0.9$ lens)	SHUTTER ACTUATOR and BUILT-IN POWER SUPPLY	POLAROID FILM BACK	ORDER NO.	PRICE (less mounting bezel—see page 14)
ECONOMY and SPEED — $f/1.9, 1:0.7$ Records two 6×10 -cm or three 4×10 -cm graticules on each film. Writing rate factor 1.25X Standard Lens.	No	Pack Film Roll Film	C-12-547 C-12-547 R	\$470 470
	Yes	Pack Film Roll Film	C-12-547 S C-12-547 RS	625 625
HIGH WRITING RATE — $f/1.9, 1:0.5$ Records fast-writing displays such as single-shot transients. Writing rate factor 1.5X Standard Lens.	No	Pack Film Roll Film	C-12-549 C-12-549 R	490 490
	Yes	Pack Film Roll Film	C-12-549 S C-12-549 RS	645 645
ECONOMY — $f/4.5, 1:0.7$ Records two 6×10 -cm or three 4×10 -cm graticules on each film. Recommended when cost rather than writing rate is the prime consideration. Writing rate factor .25X Standard Lens.	No	Pack Film Roll Film	C-12-550 C-12-550 R	395 395
	Yes	Pack Film Roll Film	C-12-608 S C-12-608 RS	720 720
PRECISE FULL-SIZE IMAGE — $f/1.4, 1:1$ Records full-size image of 8×10 -cm graticule (on 4×5 film with Graflok Back). Writing rate factor 1.75X Standard Lens.	No	Pack Film Roll Film	C-12-608 C-12-608 R	565 565
	Yes	Pack Film Roll Film	C-12-608 S C-12-608 RS	720 720
ULTRA-HIGH WRITING RATE — $f/1.3, 1:0.5$ Compensates for losses in beam-splitting mirror where writing rate is prime consideration. Records two 6×10 -cm graticules on each film. Writing rate factor 3X Standard Lens.	No	Pack Film Roll Film	C-12-662 C-12-662 R	615 615
	Yes	Pack Film Roll Film	C-12-662 S C-12-662 RS	770 770
GENERAL-PURPOSE — $f/1.9, 1:0.85$ Complete 8×10 -cm graticule is always positioned within exposable area of $3 \frac{1}{4} \times 4 \frac{1}{4}$ film. Writing rate factor same as Standard C-12.	No	Pack Film Roll Film	C-12-692 C-12-692 R	450 450
	Yes	Pack Film Roll Film	C-12-692 S C-12-692 RS	605 605

Any Tektronix Standard or Custom Trace-Recording Camera can be ordered less back. Use suffix 'G' after the Order Number and deduct \$80 from the price. 4×5 and $2 \frac{1}{4} \times 3 \frac{1}{4}$ Graflok Backs and accessories are shown on page 15.

Cameras

PROJECTED GRATICULE for the C-12 Camera

The Projected Graticule eliminates parallax, one of the most common problems in making accurate readings of oscillographs taken of external graticule crt's.

Parallax is the apparent displacement of the trace in relation to the graticule. Error is introduced since the graticule and crt phosphor are on different planes.

To eliminate parallax, a virtual image of the graticule is presented at the crt phosphor plane as viewed by the operator and as projected to the camera film plane.

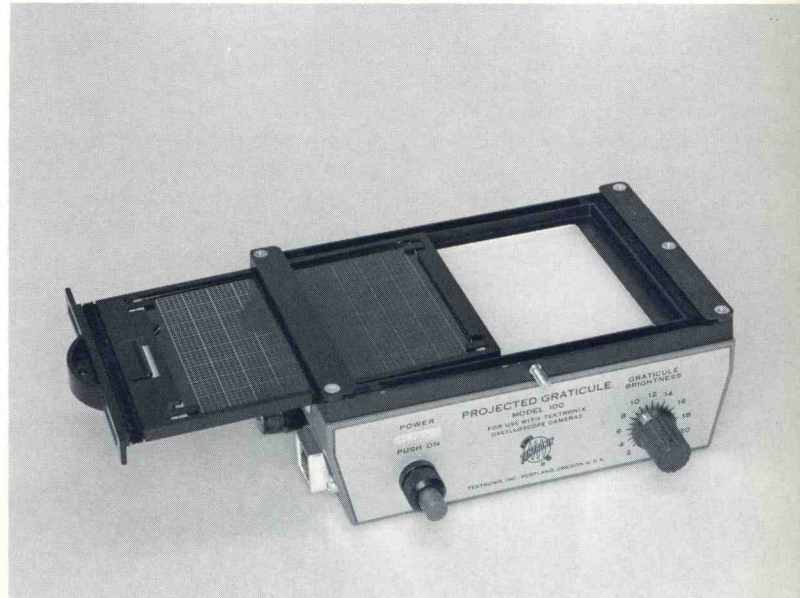
Special graticules, reference waveforms, or any image that can be recorded on a film transparency, can be superimposed on the crt display. The transparency is held in a slide holder and is easily slipped in and out of the Projected Graticule case, making possible rapid change of graticule slides.

The projected graticule provides up to an 8x10-cm projection, a portion of which can be used for write-in data. Colored filters can be inserted to match or contrast the projection with the crt phosphor.

The light source is indexed in 1/2 f stop increments for use as a film exposure guide. This source can also be used for precise preffogging of film for increased sensitivity in fast writing-rate applications.

Power requirements are 90 to 130 v, or 180 to 260 v, 60 cps.

Although the Projected Graticule case is small (it adds only 2 1/4" to camera height), clearance problems exist with the Type 81 Adapter and a few plug-in unit/probe combinations. If in doubt about compatibility, please consult your Tektronix Field Office or Representative.



PROJECTED GRATICULE (016-204)\$160

Includes: 1—power cord (161-015), 1—3 to 2-wire adapter (103-013), 1—graticule film, 4 x 10 cm with write-in area and short minor lines (331-117), 1—graticule film, 6 x 10 cm with write-in area and short minor lines (331-111), 1—graticule film, 8 x 10 cm without write-in area, but with full minor lines (331-119), 1—graticule mask, 4 x 10 cm (331-118), 1—graticule mask, 6 x 10 cm (331-116), 1—instruction manual (070-402).

OPTIONAL GRATICULE FILMS and MASKS .. \$0.85 each

331-126	331-123	331-137	331-122	6 x 10 cm Mask 331-116
331-119	331-131	331-117	331-136	4 x 10 cm Mask 331-118
331-130	331-124	331-120	331-127	10 x 10 div Mask (for Type 570, 575, 536) 331-129
				GRATICULE SLIDES \$3 each Amber Window 122-669 Blue Window 122-667 Green Window 122-668
331-111	331-125	331-121	331-128	

Cameras

STANDARD C-13 CAMERA

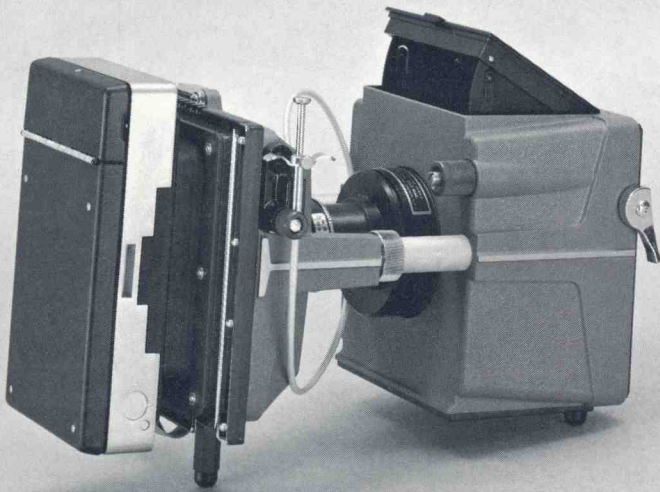
The C-13 Camera combines quality and economy where high writing rate is not required. Displays are viewed directly through a hinged aperture in the top of the camera frame. The $f/4.5-1:0.7$ lens supplied with the Standard C-13 offers economy of price and efficient use of film with up to 8 x 10 cm coverage. The Polaroid* Land Pack-Film Back offers convenient loading and picture development outside the camera. Dimensions overall are 8 3/4" high by 7 1/2" wide by 14" long. Net weight is 9 3/4 pounds. Shipping weight is approximately 14 pounds.

C-13 CAMERA, (less mounting bezel—see page 14) . . \$360

Each camera includes: 1—cable release (122-586), 1—focus plate (387-893), 2—instruction manuals (070-383).

ROLL-FILM CAMERA identical to the Standard C-13, except a Polaroid Land Roll-Film Back is substituted for the Pack-Film Back.

C-13-R CAMERA, (less mounting bezel—see page 14) \$360



CUSTOM C-13 CAMERAS

LENS (Writing rate factor compared to Standard $f/4.5, 1:0.7$ lens)	SHUTTER ACTUATOR and BUILT-IN POWER SUPPLY	POLAROID LAND FILM BACK	ORDER NO.	PRICE (less mounting bezel — see page 14)
GENERAL-PURPOSE— $f/1.9, 1:0.9$ Records an 8 x 10-cm graticule on 3 1/4 x 4 1/4 film. Writing rate factor 4X Stand- ard Lens.	No	Pack Film Roll Film	C-13-548 C-13-548 R	\$415 415
	Yes	Pack Film Roll Film	C-13-548 S C-13-548 RS	570 570
PRECISE FULL-SIZE IMAGE— $f/1.4, 1:1$ Records full-size image of 8 x 10-cm graticule (on 4 x 5 film with Graflok Back). Writing rate factor 7X Standard Lens.	No	Pack Film Roll Film	C-13-608 C-13-608 R	530 530
	Yes	Pack Film Roll Film	C-13-608 S C-13-608 RS	685 685
GENERAL-PURPOSE— $f/1.9, 1:0.85$ Insures complete coverage of 8 x 10-cm graticule on 3 1/4 x 4 1/4 film. Writing rate factor 4X Standard Lens.	No	Pack Film Roll Film	C-13-692 C-13-692 R	415 415
	Yes	Pack Film Roll Film	C-13-692 S C-13-692 RS	570 570

Any Tektronix Standard or Custom Trace-Recording Camera can be ordered less back. Use suffix 'G' after the Order Number and deduct \$80 from the price. 4 x 5 and 2 1/4 x 3 1/4 Graflok Backs and accessories are shown on page 15.

Cameras

STANDARD C-19 CAMERA

The C-19 Camera makes permanent records of single-shot phenomena where high writing rate is required. Mirror placement provides low-angle binocular viewing and maximum light transmission from crt to film. The $f/1.9-1:0.5$ lens supplied with the Standard C-19 records two 6×10 -cm displays or an 8×10 -cm display on $3\frac{1}{4} \times 4\frac{1}{4}$ film. The Polaroid* Land Pack-Film Back offers convenient loading and picture development outside the camera. Dimensions overall are $15\frac{3}{8}$ " high by $7\frac{1}{2}$ " wide by $17\frac{1}{4}$ " long. Net weight is $13\frac{3}{4}$ pounds. Shipping weight is approximately 18 pounds.

C-19 CAMERA, (less mounting bezel—see page 14) . . \$500
 Each camera includes: 1—cable release (122-586), 1—focus plate (387-893), 2—instruction manuals (070-383).

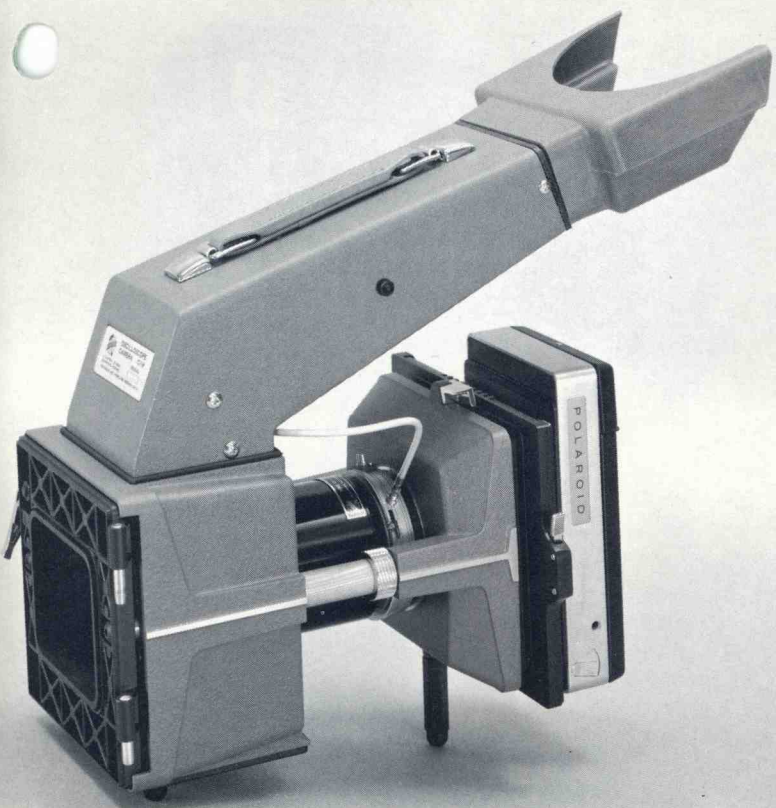
ROLL-FILM CAMERA identical to the Standard C-19, except a Polaroid Roll-Film Back is substituted for the Pack-Film Back.
 C-19-R CAMERA, (less mounting bezel—see page 14) \$500

ELECTRICALLY-TRIGGERED CAMERA identical to the Standard C-19, but with a shutter actuator and built-in power supply. (See page 13.)

C-19-S CAMERA, (less mounting bezel—see \$655

ELECTRICALLY-TRIGGERED CAMERA with Roll-Film Back combines features of the C-19-R and C-19-S, above.

C-19-RS CAMERA, (less mounting bezel—see page 14) \$655



CUSTOM C-19 CAMERAS

LENS (Writing rate factor compared to Standard $f/1.9, 1:0.5$ lens)	SHUTTER ACTUATOR and BUILT-IN POWER SUPPLY	POLAROID LAND FILM BACK	ORDER NO.	PRICE (less mounting bezel—see page 14)
GENERAL-PURPOSE— $f/1.9, 1:0.9$ Records on 8×10 -cm graticule on $3\frac{1}{4} \times 4\frac{1}{4}$ film. Writing rate factor .67X Standard Lens.	No	Pack Film Roll Film	C-19-548 C-19-548 R	\$460 460
	Yes	Pack Film Roll Film	C-19-548 S C-19-548 RS	615 615
PRECISE FULL-SIZE IMAGE— $f/1.4, 1:1$ Records full-size image of 8×10 -cm graticule (on 4×5 film with Graflok Back). Writing rate factor 1.12X Standard Lens.	No	Pack Film Roll Film	C-19-608 C-19-608 R	575 575
	Yes	Pack Film Roll Film	C-19-608 S C-19-608 RS	730 730
GENERAL-PURPOSE— $f/1.9, 1:0.85$ Insures complete coverage of 8×10 -cm graticule on $3\frac{1}{4} \times 4\frac{1}{4}$ film. Writing rate factor .67X Standard Lens.	No	Pack Film Roll Film	C-19-692 C-19-692 R	460 460
	Yes	Pack Film Roll Film	C-19-692 S C-19-692 RS	615 615

Any Tektronix Standard or Custom Trace-Recording Camera can be ordered less back. Use suffix 'G' after the Order Number and deduct \$80 from the price. 4×5 and $2\frac{1}{4} \times 3\frac{1}{4}$ Graflok Backs and accessories are shown on page 15.

Cameras

35-MM ATTACHMENT FOR ALL TEKTRONIX CAMERAS

The Type 350 Camera Attachment consists of a 35-mm film-back and shutter, integral f/1.9 lens with 1:0.2 object-to-image ratio, and mounting hardware to fit a C-12, C-13, C-19 or C-27 Main Frame Assembly. Shown with a C-13 Camera frame.

The "automatic" advance feature of the Type 350 Camera Attachment allows a rapid sequence of exposures with no interruption to manually advance the film to each new frame. The spring motor automatically advances the film one frame each time the shutter trigger is depressed and released. Up to 4 exposures per second can be made using the Model 2 Shutter Actuator.

Shutter speeds are 1/4, 1/8, 1/15, 1/30, 1/60, 1/125, 1/250, 1/500, and Bulb. Time exposures are obtained using the Model 2 Shutter Actuator in its 'holding' mode, or locking the cable release with shutter set at B.

Calibrated lens apertures are f/1.9, f/2.8, f/4, f/5.6, f/8, f/11, and f/16. The object-to-image ratio for this lens is 1:0.2, thus its writing rate factor is approximately 1.8X the f/1.9, 1:0.9 lens. With appropriate film processes, the Type 350 Camera Attachment is well suited for photographing fast single-sweep displays.

Standard 35-mm cassettes with either 20 or 36-exposures can be used. The Type 350 takes approximately 30 exposures on a 20-exposure roll, or 55 exposures on a 36-exposure roll. Each exposure is 23.2 x 23.6 mm. Viewing area when mounted in slides is 22 x 22 mm. 10 x 10-cm graticules can be photographed in conjunction with the C-27 Main Frame Assembly (8 x 10 cm with all others).

Net weight is 3 1/4 pounds. Shipping weight is approximately 7 pounds.

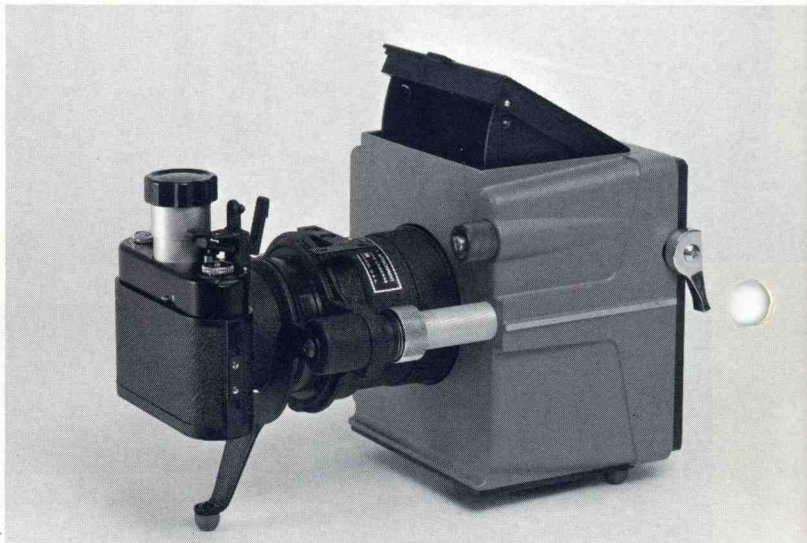
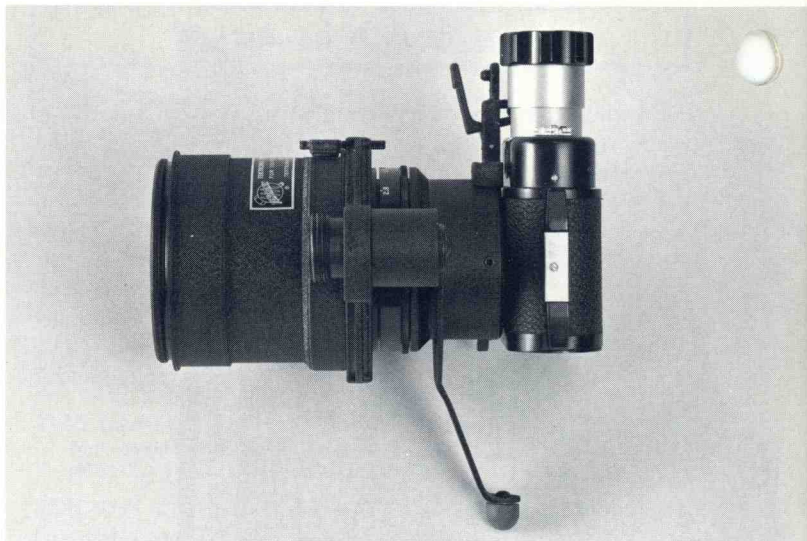
TYPE 350 CAMERA ATTACHMENT \$400

Includes: 1—focus magnifier (122-640), 1—take-up spool (122-663), 1—instruction manual (070-396).

COMPLETE 35-MM CAMERAS

These cameras include the Type 350 Attachment and appropriate Main Frame Assembly. Mounting bezels must be ordered separately from page 14.

TYPE 350/C-12	\$555
TYPE 350/C-13, illustrated	520
TYPE 350/C-19	565
TYPE 350/C-27	525



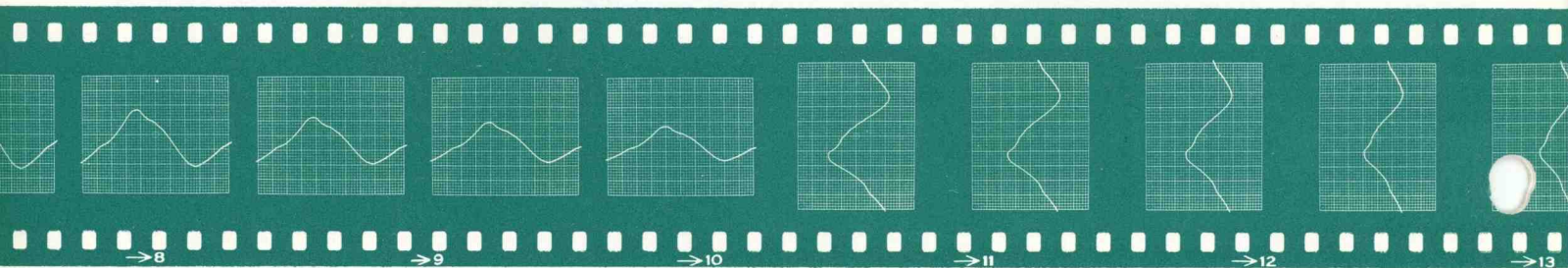
OPTIONAL 35-MM ACCESSORIES

The NR cassette is a light-tight cassette which can be used in place of the standard take-up spool. With the NR cassette it is not necessary to rewind the film after the last exposure. This cassette is especially useful when it is desired to take a small number of pictures and remove them from the camera for immediate processing.

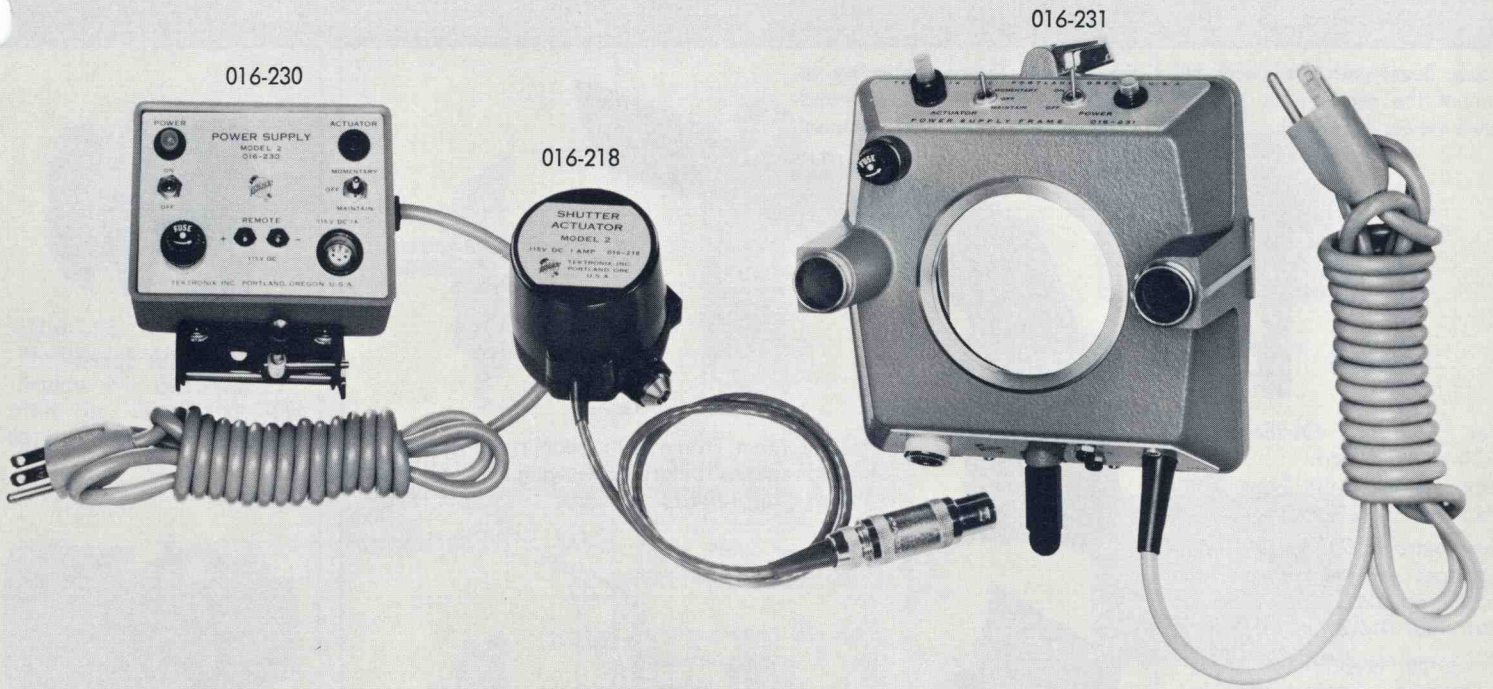
PART NUMBER 016-222 \$5.95

The TR cassette is used for bulk loading, when a great deal of 35-mm film is used, or for films that are only available in bulk.

PART NUMBER 016-221 \$5.95



Cameras



NEW SHUTTER ACTUATOR for Electrically-triggered exposures

The Shutter Actuator System (Model 2) is a rotary solenoid-operated release that closely simulates the action of a hand-operated cable release. It permits electrical triggering of most Tektronix Trace-Recording Cameras.

Two power supply packages are available. They are electrically identical, and differ only in mechanical configuration. One takes the place of the standard Rear Frame in the C-12, C-13, C-19, and C-27 Camera. The other is a separate small housing which can be mounted to the Type 350 35-mm Attachment, either of the Polaroid Backs, or used remotely.

A holding circuit in the separate power supply allows the actuator to be energized indefinitely without overheating. This feature is especially useful in obtaining Time exposures with the Type 350 35-mm Attachment. Several actuators can be operated simultaneously by paralleling the remote switches from the individual power supplies.

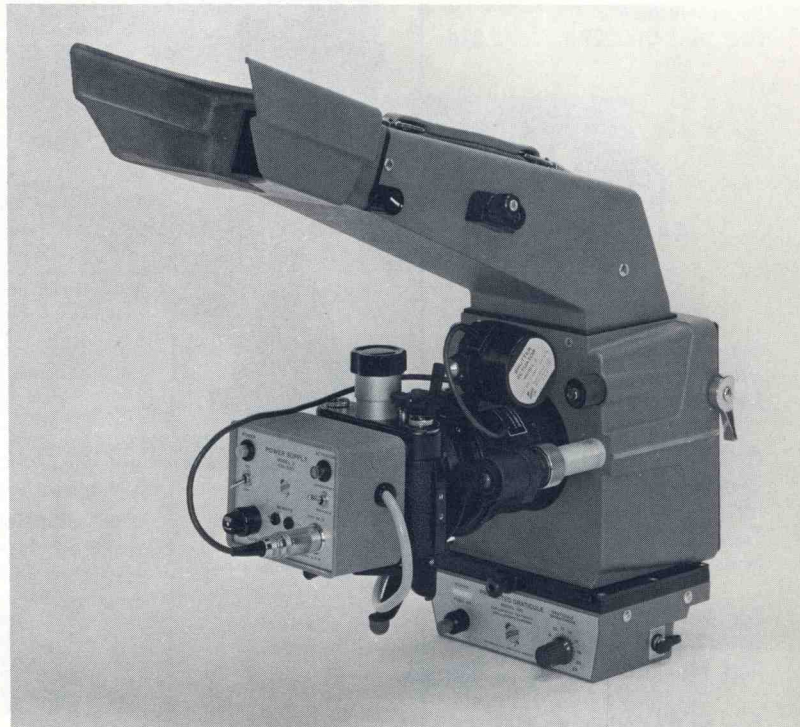
CHARACTERISTICS

The actuator mounts to the cable release bushing of the Alphax #3 and Ilex #3 shutters, and to the body of the Type 350 35-mm Attachment.

Operating time from switch contact to full open blades at 115 vac is 20 to 25 msec.

Power requirement is 115 vac, 50 to 400 cps, or 115 v dc.

Actuator for either supply (016-218)	\$ 75
Separate Power Supply (016-230)	85
Includes hinged mounting bracket (122-713)	
Built-in Power Supply (016-231)	125



Model 2 Shutter Actuator shown with Type 350/C-12 Camera and optional Projected Graticule.

Cameras

MOUNTING BEZELS

Each Bezel can be used to mount the rectangular polarized viewer (016-039).

FOR
C-12,
C-13
AND
C-19
CAMERAS



For Tektronix Oscilloscopes with round 5" crt. (not needed with Type 519)
Part No. 016-226 \$ 15

For Tektronix 560-Series Oscilloscopes with rectangular crt. and Type 506.
Part No. 016-217 \$15

For some Hewlett-Packard Oscilloscopes. Contact your local Tektronix Field Office or Representative.
Part No. 016-229 \$16

FOR
C-27
CAMERA



For all Tektronix Oscilloscopes with 5" round crt.
Part No. 016-225 \$15

For all Tektronix 560-Series Oscilloscopes with rectangular crt, the Type RM527 and Type 506.
Part No. 016-224 \$15

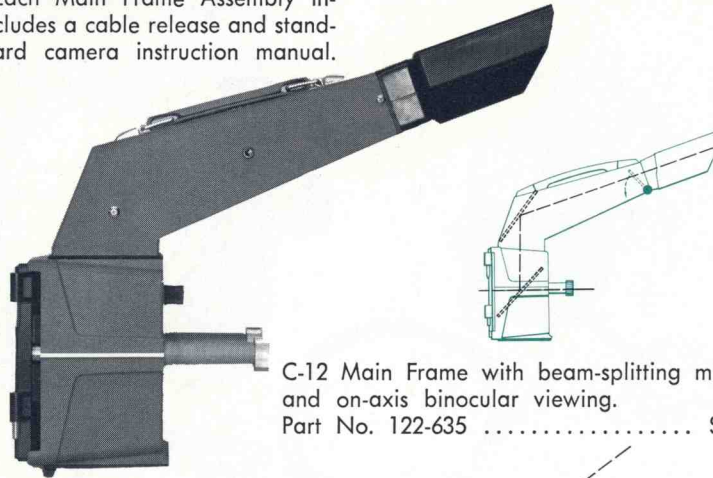
For Tektronix Type 647 and RM647 Oscilloscopes.
Part No. 016-223 \$15

For most models of Hewlett-Packard Oscilloscopes. Contact your local Tektronix Field Office or Representative.
Part No. 016-228 \$15

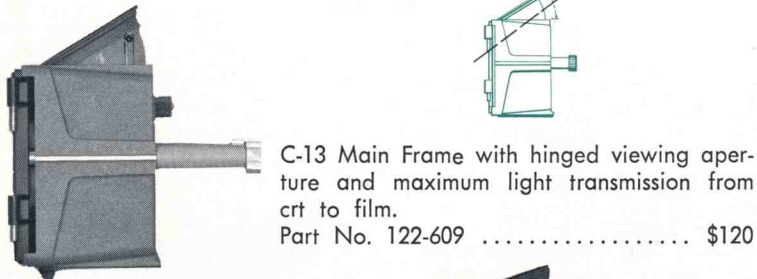
For some models of DuMont Oscilloscopes. Contact your local Tektronix Field Office or Representative.
Part No. 016-227 \$15

MAIN FRAME ASSEMBLIES

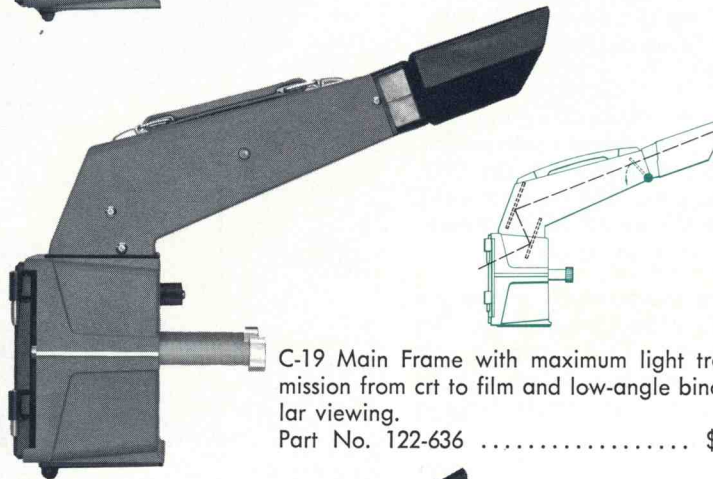
Each Main Frame Assembly includes a cable release and standard camera instruction manual.



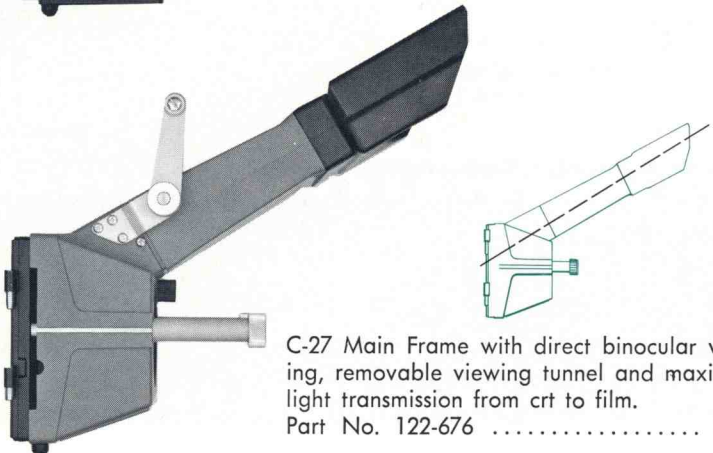
C-12 Main Frame with beam-splitting mirror and on-axis binocular viewing.
Part No. 122-635 \$155



C-13 Main Frame with hinged viewing aperture and maximum light transmission from crt to film.
Part No. 122-609 \$120



C-19 Main Frame with maximum light transmission from crt to film and low-angle binocular viewing.
Part No. 122-636 \$165



C-27 Main Frame with direct binocular viewing, removable viewing tunnel and maximum light transmission from crt to film.
Part No. 122-676 \$125

INTERCHANGEABLE LENSES



f/1.9—1:0.7
Economy plus Speed
Alphax & Ilex
No. 3X Shutter
Part No. 122-547 ... \$180



f/1.9—1:0.9
General Purpose
Alphax & Ilex
No. 3X Shutter
Part No. 122-548 ... \$160



f/1.9—1:0.5
High Writing Rate
Alphax & Ilex
No. 3X Shutter
Part No. 122-549 ... \$200



f/4.5—1:0.7
Economy of Film & Price
Alphax No. 1 Shutter
Part No. 122-550 ... \$105

Cameras

INTERCHANGEABLE LENSES



f/1.4—1:1
Precise full-size Image
Alphax No. 3 Shutter
Part No. 122-608 ... \$275



f/1.3—1:0.5
Ultra-High Writing Rate
Ilex No. 3X Shutter
Part No. 122-662 ... \$325



f/1.9—1:0.85
General Purpose
Alphax & Ilex
No. 3X Shutter
Part No. 122-692 ... \$160

REAR FRAMES



Standard Frame
(not needed with Type
350)
Part No. 122-591 .. \$45



Power Supply Frame for
Model 2 Shutter Actua-
tor (not used with Type
350)
Part No. 016-231 . \$125

ROTATING SLIDE ADAPTER



Adapts Polaroid or
Graflok Back to rear
frame.
Part No. 122-602 .. \$25

INTERCHANGEABLE FILM BACKS



Polaroid Land 3 1/4 x 4 1/4
Roll-Film Back, 8 exp.
Part No. 122-603 . \$ 75
Focus Plate for above.
Part No. 387-460 . \$ 5

Polaroid Land 3 1/4 x 4 1/4
Pack-Film Back, 8 exp.
Part No. 122-671 . \$ 75
Focus Plate for above.
Part No. 387-893 . \$5.35

(Focus Plates not needed if
Graflok Back is avail-
able.)



4 x 5 Graflok Back with
Focusing Screen accepts
standard cut-film hold-
ers, film-pack adapt-
ers, roll-film (120) adapt-
ers, Polaroid 4 x 5 Film Hold-
er.
Part No. 122-604 .. \$45

2 1/4 x 3 1/4 Graflok Back
with Focusing Screen ac-
cepts standard cut-film
holders, film-pack adapt-
ers, roll-film (120) adapt-
ers.
Part No. 016-233 . \$ 45

ACCESSORIES FOR GRAFLOK BACKS

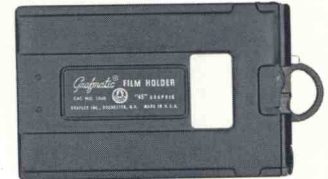
Readily available from local camera shops.



Cut-Film Holder
2 exposures



Film-Pack Adapter
12 exposures



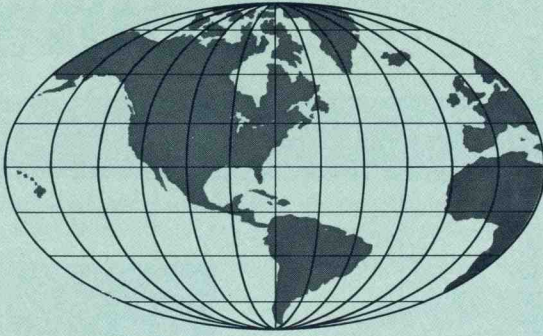
Film Magazine
6 exposures



Roll-Film Adapter "22"
12 exposures, 2 1/4 x 2 1/4,
120 film

Roll-Film Adapter "23"
8 exposures, 2 1/4 x 3 1/4,
120 film

Polaroid Land 4 x 5 Film
Holder.



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	• Palo Alto... 3944 Fabian Way, Palo Alto... Telex 033-911 Telephone: (415) 326-8500
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MICHIGAN	• Detroit... 27310 Southfield Road, Lathrup Village... Telex 023-400 Telephone: (313) ELgin 7-0040
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