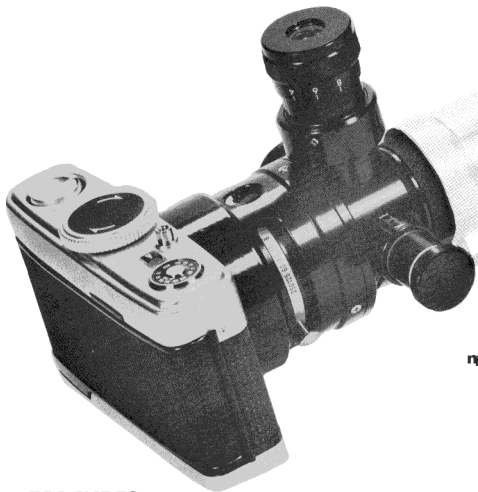


SOLAR SYSTEM CAMERA



Model PLS

FEATURES

- Eyepiece Projection
- Aerial Focusing
- Magnifications from 2X to 8X
- Vibrationless Shutter
- Simultaneous Viewing During Exposure
- Ease of Operation

D O A A ENTERPRISES

Optec, Inc.

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FINEST CAMERA FOR SOLAR SYSTEM PHOTOGRAPHY

No other camera made is as well equipped for eyepiece projection photography of the planets, moon and sun as the PLS camera.

Truly vibrationless shutter incorporating a low mass leaf blade shutter suspended by a flexible bellows. No shutter vibration perceptible even at high magnification. Shutter speeds from 1 second to 1/250 second plus bulb are available.

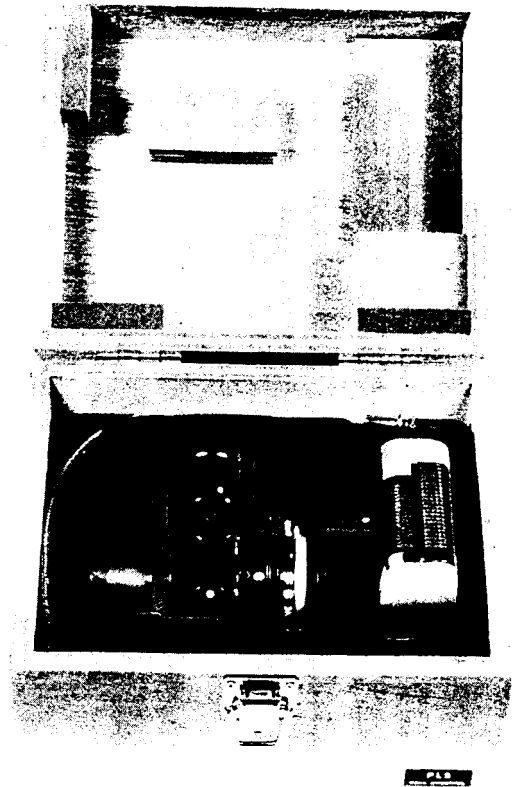
Accurate aerial focusing - no different than focusing with a high quality eyepiece. The PLS focusing eyepiece has +2 to -8 diopters adjustment range and a reticle that precisely defines the field of view on the film.

Full frame simultaneous viewing during exposure which permits atmospheric seeing and drive errors to be monitored while the exposure is in progress. The optical path selector next to the focusing eyepiece can be set to one of three positions: V, CV and E. Position V transmits all the light to the observation eyepiece for proper focusing and framing. Photographs are taken in the CV position which allows 80% of light to pass to the film plane and 20% to the focusing eyepiece. Position E diverts all the light to an external port which can accept a light measuring attachment.

Special designed projection eyepieces are available to increase the focal length of the telescope from 2X with the P5 to a maximum of 8X with the K20. These eyepieces are superior to visual type eyepieces which are not designed to project a well corrected real image necessary in eyepiece projection photography.

Independent shutter cocking allowing partial film advances. This permits several exposures of a planet to be made on a single frame without moving the object from the center of the field.

Easy to operate at night and with gloves. The controls are readily accessible and move without sticking. The light weight of the PLS, only 27 ounces, will not disturb the balance of the telescope. Uses any 35mm film.



STANDARD ACCESSORIES:

PLS CAMERA is complete with 12" cable release, 1 1/4" telescope adapter and felt lined mahogany case.

OPTIONAL ACCESSORIES:

Projection Eyepieces (.917 Dia.)		
model	magnification	focal length
P5	2x	50mm
P10	4x	25mm
	6X	18mm
K20	8X	12mm

2" telescope adapter

Questar telescope adapter

Filters: Ultra-violet, Orange, Red, Green, Green, Pink, Blue, Light Yellow, Medium Yellow, ND 20%. ND 40%. ND 80%.