PRINCIPLES OF OPERATION

A low cost easily maintained survey instrument with no electrical power demand!

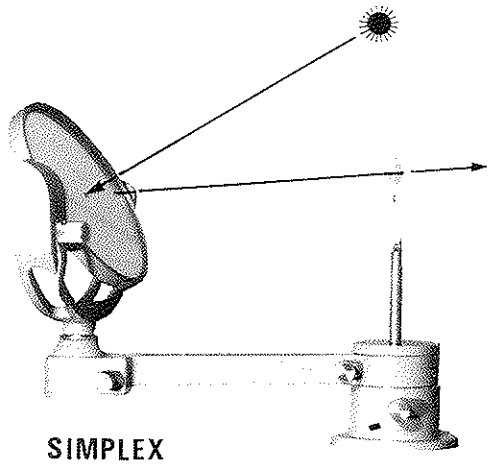
The Clyde Surveys Heliograph provides a high definition daylight target over long distances. It represents a step forward over traditional instruments by maintaining the target image over the plumb point when in the duplex mode, thus eliminating possible offset errors or the need to move the tripod.

The instrument can be aligned with sun and target using the conventional reflected image technique and, in addition, a small clear view hole in the simplex mirror allows direct target sighting from behind.

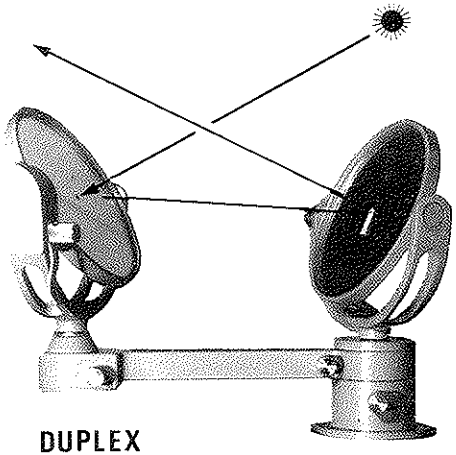
Slow motion drives on the horizontal and vertical axes of the tracking mirror enable sun declination and azimuth to be followed precisely and a trigger built into the horizontal drive mechanism permits signalling.

The Clyde Heliograph fits directly to Wild and Zeiss tripods, and adaptors are available for other fittings.

The instrument is supplied in a lightweight carrying case.

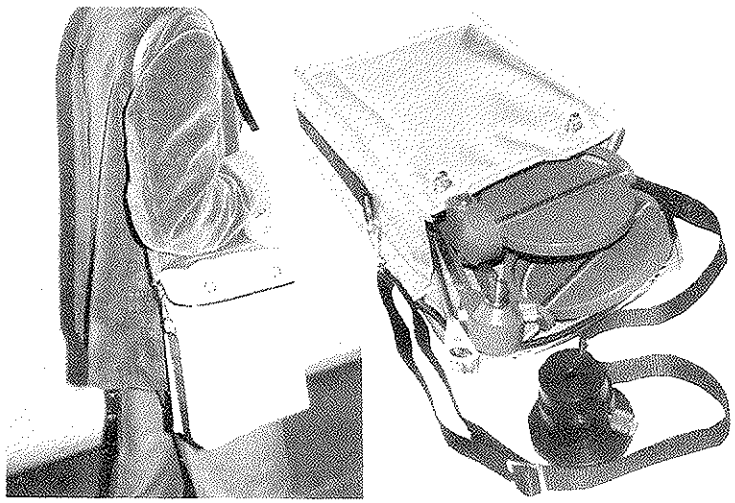


SIMPLEX



DUPLEX

SPECIFICATION



Overall Dimensions in Carrying Case	20 cms × 10 cms × 27 cms high
Net Weight in Case	3.5 Kgs
Mirror Diameter	12.5 cms
Overall Dimensions in Freight Carton	25 cms × 15 cms × 32 cms high
Gross Weight packed	4.5 Kgs

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