

W. F. Stanley & Co. Ltd.

instructions for the use of the

ZERO-SETTING

compensating polar

PLANIMETERS

**Sliding Bar and
Fixed Index models**

**The STANLEY "ALLBRIT"
Zero-Setting COMPENSATING**

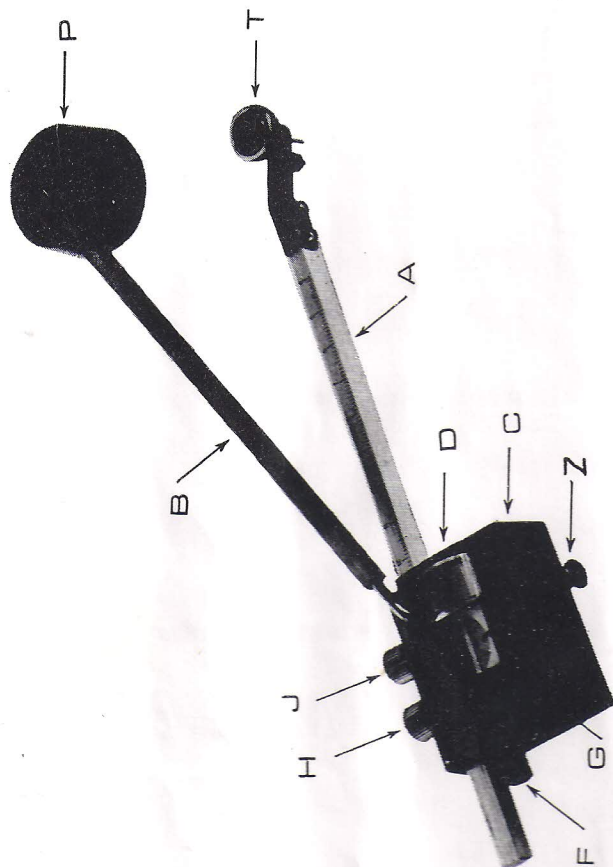


Fig. 1

Many other types of ALLBRIT Planimeter are available, both for measurement of area and for the evaluation of a large variety of recording instrument charts, having either uniform or non-uniform scale characteristics. Where possible, enquiry should be accompanied by specimen charts and examples of the work for which the instrument is required.

POLAR PLANIMETER

This Planimeter is a Stanley product, and is an extremely accurate, and yet robust, instrument which, with ordinary careful treatment, will yield consistently good results.

The zero-setting arrangement is a new and time saving feature of this series of planimeters which are now adjusted so that individual calibration is not required: the same settings and constants are applicable to all instruments of the same size. This uniformity is achieved by a careful combination of manufacturing interchangeability.

1. DESCRIPTION

Fig. 1 is a general view of the instrument, showing the following essential features:

THE TRACER ARM, A.

THE CARRIAGE, C which is adjustable to various positions on the tracer arm.

THE MEASURING WHEEL, W to which is attached the divided drum D and to which is geared a COUNTING DIAL G for recording the number of revolutions. See Fig. 1 A.

THE TRACER POINT T with ADJUSTABLE SUPPORT to maintain the point just clear of the surface or alternatively a Magnifier Tracer.

THE POLE ARM, B which carries at each end a small sphere, one end resting in a socket on the carriage C, and the other in the POLE WEIGHT P.

THE CLAMPING SCREWS H and J and the

FINE ADJUSTMENT SCREW F.

THE ZERO-SETTING PLUNGER Z.

