

Autocollimators & Accessories

Measuring angle, straightness, flatness, squareness, and parallelism





...checking the TB100 clinometer with the TA51 autocollimator



VA900 Microptic Dual Axis Autocollimator

code 112-2208

- Lightweight high accuracy instrument
- Ideal for precise measurement of angle of components such as prisms and for checking straightness, flatness and angular indexing
- Wide range using combination of graticule and micrometer

The VA900 Microptic Autocollimator is a dual axis, lightweight, highly accurate instrument. It is ideally suited for the precise measurement of angles or components such as prisms, for checking straightness, flatness or angular indexing. Measurement of the two axes is made using a combination of the instruments two axes graticule and single micrometer and is provided as standard with a dark field graticule.

This Autocollimator is supplied as standard without mounting fixtures. Therefore, when ordering, it is important to consider the application and select the appropriate mounting accessories.

TA51 Microptic Dual Axis Autocollimator

code 142-13

- High Accuracy and Wide Angle
- Ideal for checking machine slides for straightness and squareness
- Checking flatness of surface tables
- Checking angular indexing tables and polygons

The TA51 is supplied as standard with a light field graticule and comes complete with a levelling base as shown.

It is an extremely accurate and flexible system when used in conjunction with the wide variety of accessories shown in this brochure.





Electro optical metrology

Taylor Hobson has been selling electro-optical metrology products since the last 1930s and the range includes Micro Alignment Telescopes (used for checking and setting straightness and alignment) Autocollimators (for accurate measurement of small angular displacements), clinometers and "Talyvel" electronic levels. Used in a range of applications in industries such as machine tools, aerospace, marine and steel rolling, the Taylor Hobson range combines high accuracy and repeatability with fast response and operational convenience.

To provide focused technical support to all its electro-optical metrology customers, Taylor Hobson has a dedicated technical support centre:

Spectrum Metrology

Customers with electro-optical measurement needs often require not only equipment but also advice on solving a specific manufacturing or calibration problem. With many years experience in electro-optical metrology, Spectrum Metrology provides rapid technical and application support via phone, fax, e-mail or on-site visits. A full demonstration and training facility is available either on-site or in Spectrum Metrology's demonstration room.

Spectrum Metrology is also the authorised repair agent to Taylor Hobson for the electro optical metrology range and holds a wide stock of ex-demonstration equipment for hire or sale.

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