



Autocollimators & Accessories

Measuring angle, straightness, flatness, squareness, and parallelism



Ultra Series Digital Autocollimators



Dual axis

Using the latest CCD technology the new Ultra Dual Axis Autocollimator is a highly versatile instrument offering high accuracy and stability over a range of applications.

Simple set-up

This wide range Autocollimator comes with a laser sighting aid for simple setup. Combine this with the clear visual display on the autocollimators tablet PC and set up is easy even over long distances or with small reflectors.

Clear results

The Ultra Autocollimator also includes as standard the Taylor Hobson dedicated Optical Analysis software which allows advanced measurement, calculation and analysis of a range of features.

Ultra Autocollimator

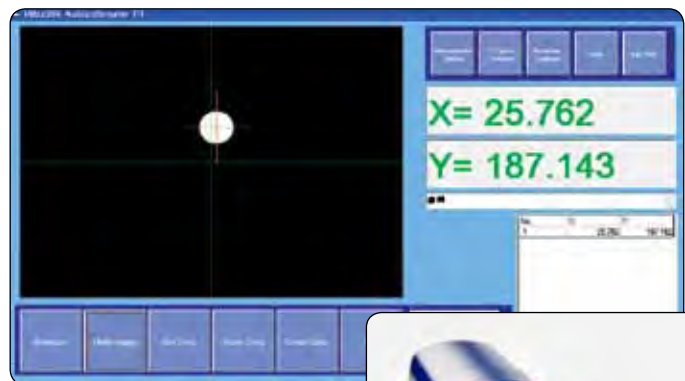
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Key features

- Wide measurement range (1800 seconds)
- High accuracy (0.2 seconds)
- Simultaneous dual axis operation and display
- Laser sighting aid for easy set-up
- Simple touch-screen operation
- Clear software with full electro optics applications package

Applications include:

- Simultaneous 2 axis straightness measurement
- Alignment of optical systems
- Flatness measurement
- Lens centration
- Angles of optical components and prisms
- Checking, setting & measurement of angular indexing heads and tables



The laser sighting aid attachment and clear visual software in a range of languages ensure that measurement setup is quick and simple.

Machine tool slideways

The softwares clear visual image and the sighting aid accessory make setting up fast and easy when carrying out simultaneous 2-axis straightness measurement on machine tool slideways.





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.

Spectrum Metrology can be contacted on:

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