



Automatic Goniometers G-1DA and G-3DA

Automatic Goniometers G-1DA and G-3DA are designed for in-process inspection of the mutual alignment of optical details operating surfaces.

Monitored parameters:

- angular measurements, prism pyramidal error measurements
- wedge measurements
- refraction index measurements

Technical f

- -adjustable autocollimator mount
- the revolving table can be rotated automatically with a servo drive
- wide-range and high-precision autocollimator

Software features:

- servo drive control
- measurements processing
- test record sheet generation
- creating measurement scripts (i.e. assignment of an automatic table rotation sequence)

Advantages:

- low sensitivity to ambient light
- capability of measurement of small optical details
- self-correcting control of the table rotation
- feature-rich software
- ergonomic design



Specifications

Description	Values
Model	G-1DA / G-3DA
Angle measurement range in horizontal plane	0...360°
Angle measurement range in vertical plane	±15 arcmin
Maximum angle measurement error	1 / 3 arcsec
Resolution	0.1 arcsec
Repeatability	0.1 arcsec
Size	650x380x370 mm
Net weight	47 kg

Delivery Set

Goniometer	1 pcs
Laptop	1 pcs
Interface cable	2 pcs
Power supply	1 pcs
Changeable mounts	3 pcs
Software	1 pcs
Manual	1 pcs
Certificate	1 pcs

Note: technical specifications can be changed upon customer's request