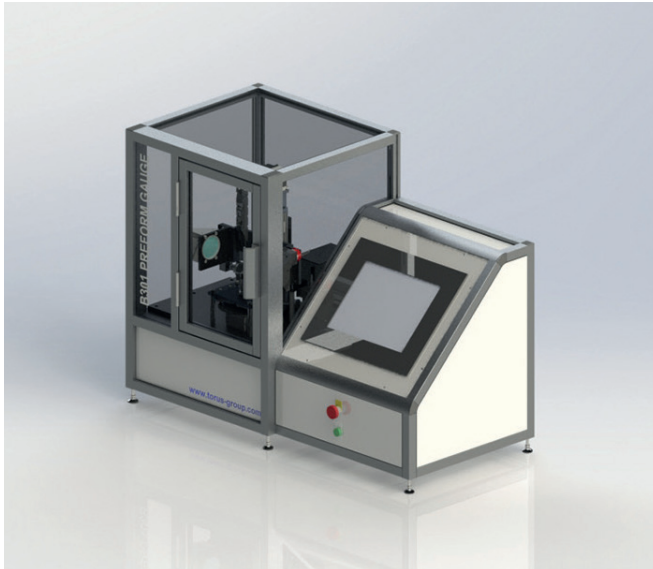


B301 Semi-Automatic Optical Inspection Gauge



The B301 Semi-Automatic Optical Inspection Gauge has been developed to provide a fast, non-contact, traceable measurement solution for neck finish and body dimensions.

Using state-of-the-art optical telecentric lens technology, the system takes advantage of a self-teach profile function for part program generation.

Interchangeable location tooling provides the capability to perform dimensional inspection on a wide range of industry standard neck finish types.

Automatic thread start alignment used to offer unmatched measurement repeatability and consistency from part-to-part measurement.

Reporting options as standard CSV or Statistical Process Control (SPC)

Traceability and Certification UKAS Standards.

Measurement Features:

| Feature | | Accuracy |
|-------------------------|---|--------------|
| Neck Diameters | T, E, Z, B, B1, A, F, G Programmable neck dia. | +/- 0.030 mm |
| Neck Height | S, K, X, H, M, D Programmable neck heights | +/- 0.030 mm |
| Body Diameter | Programmable body dia. | +/- 0.030 mm |
| Overall Height | Individual | +/- 0.100 mm |
| Gate Height | Individual | +/- 0.100 mm |
| Perpendicularity | Angle / Distance | N/A |

Technical Specification:

| | |
|------------------------------------|--|
| Material Types | PET, PP, TRITAN, PEF |
| Component Neck Types | Thread, Continuous Thread, Split Thread, PCO, SP, ROPP, Snap, Clinch, Crown Cap (others on ap) |
| Compound Outer Neck Dia. | ≤ Ø 40 mm |
| Compound Internal Neck Dia. | Ø 8.00 mm - Ø 37.00 mm |
| Compound Height Range | ≤ 165 mm |
| Compound Body Dia. | ≤ 40 mm |

Benefits to your business

- › Quick-snap pre-programmed industry standard neck features
- › Programmable neck features for full measurement flexibility
- › Up to 16 rotational diameter positions
- › Automatic thread start alignment
- › Fast cycle time
- › Mimic display screens

ELECTRICITY
100-240 Volts / 50-60 Hz

COMPRESSED AIR
6 bar / 87 PSI

WEIGHT
150kg max.

DIMENSIONS
(W) 1119mm x (H) 950mm
(D) 550mm

[Click here to view the video](#)



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