

Technical Data

Accuracy at 20°C*: $\pm 2.5 \mu\text{m}$
 Repeatability ($\pm 2\sigma$): $\pm 0.6 \mu\text{m}$
 Positional error**: $\pm 2.5 \mu\text{m}$
 Measuring region: 10 x 60 mm
 Laser wavelength: 650 nm, Visible
 Scanning rate: 1600 scans/s
 Laser scanning speed: 226 m/s
 Protection standard: IEC
 Main display: 16-digit fluorescent tube
 Interface units equipped: RS-232C, SPC, Footswitch
 Power supply: 100 - 240V AC $\pm 10\%$, 40VA, 50/60Hz

* At the centre of the measuring region.

** Potential measurement error due to variation in workpiece position within the measuring region.

Functions

Zero-setting, preset, GO/ $\pm$ NG judgement, multi-limit judgement, offset value setting, sample measurement, statistical calculation, group judgement, data output, workpiece position display, mm/inch switching, dual-gauge calibration, transparent object measurement, automatic measurement, abnormal data elimination.

SERIES 544 – LSM-9506 Bench Top Type Non-Contact Measuring System

- Measurement system and display integrated into a single unit for easy bench-top inspection.
- A statistical calculation function is provided.
- RS-232C interface and SPC output interface included as standard.



544-116E

SPECIFICATIONS

Code No.	Range	Resolution (selectable)	Price
544-116E	0.5 - 60 mm (.02 - 2.36")	0.00005 - 0.1 mm (.000002 - .005")	£7750.00

DIMENSIONS

