

FARO® Gage Standard & Gage Plus



1.2m (48") Working Volume

Ideal for all your small parts, moulds and assemblies.

Temperature & Overload Sensors

Allow the Gage to "sense" and react to thermal variations and improper handling for maximum accuracy.

Internal Counterbalancing

Allows the user to move the Gage easily with one hand without becoming fatigued.

Multi-Probe Capability

Including various ball diameters, touch-sensitive, curved, and extensions.

Extended-Use Battery (optional)

provides true "measure anywhere" capability.

Universal 3.5" Quick Mount

Offers "mount-it-to-where-you-make-it" convenience and less downtime.

A Personal CMM!

The FARO Gage Standard and Gage Plus are the industry's first line of personal Coordinate Measuring Machines (CMMs). With their 1.2m (48") working volume, they are the "mount-it-to-where-you-make-it", truly portable, cost-effective, 3D, minimal-training gages for machinists. The FARO Gage product line replaces all conventional gaging devices with an expandable library of gaging tools. Save time and money by replacing your cluttered inspection area with the one tool that can do it all.

Most Common Applications

Aerospace: Repair & Refit • **Tool & Die:** Master Moulds, Tool Setup • **Automotive:** Body in White, Functional Build • **Castings & Mouldmaking:** Pre-Cast Mould, Composite Tooling

Features

- ▶ HIGH accuracy, LOW price
- ▶ Portable and easier-to-use than a fixed CMM
- ▶ Mount and measure parts in process
- ▶ Up to $\pm 0.005\text{mm}$ ($\pm 0.0002''$) accuracy
- ▶ Generate GD&T & SPC reports

FARO® Gage Standard & Gage Plus

Applications



Angles

- Hole to hole
- Cylinder to cylinder
- Cylinder to face
- Edge to edge
- Edge to face
- Face to face



Geometry

- 4-hole bolt patterns
- Round slot
- Cylinder
- Edge
- Hole
- Face



Distance

- Face to face
- Edge to edge
- Cylinder to cylinder
- Hole to hole centre
- Hole to hole minimum
- Hole to hole maximum



GD&T

- Flatness
- Circularity
- Straightness
- Parallelism
- Perpendicularity
- Concentricity

Performance Specifications

Model	Measuring Volume	ISO 10360-2	
		E (µm)	R (µm)
Gage Plus	1200mm (48") sphere	5+8L/1000	6
Gage Standard	1200mm (48") sphere	10+16L/1000	12

B89 specification based upon testing as outlined by ISO 10360-1 standards. ISO specification based upon testing as outlined by ISO 10360-3 standards.

Hardware Specifications

Operating temp range: 10°C - 40°C (50°F - 104°F)

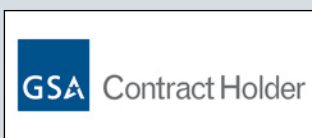
Temperature rate: 3°C/5min. (5.4°F/5min.)

Operating humidity range: 95%, noncondensing

Power supply: Universal worldwide voltage 85-245VAC, 50/60Hz

Certifications: MET (UL, CSA Certified) • CE compliance • Directive 93/68/EEC, (CE Marking) • Directive 89/336/EEC, (EMC) • FDA CDRH, Subchapter J of 21 CFR 1040.10 • Electrical Equipment for Measurement, Control & Lab Use • EN 61010-1:2001, IEC 60825-1, EN 61326 • Electromagnetic Compatibility (EMC) • EN 55011, EN 61000-3-2, EN 61000-3-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11

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