

FARO Gage & Gage-PLUS



48" (1.2m) Working Volume

Ideal for all your small parts, molds 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 and Gage-PLUS are the industry's first line of personal Coordinate Measuring Machines (CMMs). With their 48" (1.2m) working volume, they are the "mount-it-to-where-you-make-it", truly portable, cost-effective, 3-Dimensional, minimal-training gages for machinists. The FARO Gage 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 Molds, Tool Setup

Automotive: Body in White, Functional Build

Castings & Moldmaking: Pre-Cast Mold, Composite Tooling

Features

- ▶ HIGH accuracy, LOW price
- ▶ Portable and easier-to-use than a fixed CMM
- ▶ Mount and measure parts in process
- ▶ Up to .0002" (.005 mm) accuracy
- ▶ Generate GD&T & SPC reports



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 Center
- 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 Gage	1200 mm (48") sphere 1200 mm (48") sphere	5+8L/1000 10+16L/1000	6 12

ISO Specification based upon testing as outlined by ISO 10360-3 Standards.

Hardware Specifications

Operating Temp range: 10°C to 40°C (50°F to 104°F)

Operating Humidity Range: 0-95%, noncondensing

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

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

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

