

FARO

GAGE & GAGE-PLUS

The FARO Gage and Gage-PLUS are the industry's first line of personal Coordinate Measuring Machines (CMMs). With their 48" 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.

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

Most Common Applications

Aerospace:

Simulation, Repair & Refit

Tool & Die:

Master Molds, Tool Setup

Automotive:

Body in White, Functional Build

Castings & Moldmaking:

Pre-Cast Mold, Composite Tooling



A 48" Working Volume

B Internal Counterbalancing

C Multi-Probe Capability

D Temperature and Overload Sensors

E Integrated Extended-Use Battery

F Universal 3.5" Quick-Mount



A Ideal for all your small parts, molds and assemblies

B Allows the user to move fatigue-free FARO Gage easily with one hand

C Including various Ball Diameters, Touch-Sensitive, Curved, and Extensions

D Allow the Gage to "feel" and react to thermal variations and improper handling for maximum accuracy

E *Optional* — Provides true "measure anywhere" capability

F Mounting on granite or metal surfaces offers "mount-it-to-where-you-make-it" convenience and less downtime

Accuracy Specifications

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

Test Methods:

B89 Specification based upon testing as outlined by ISO 10360-1 Standards. ISO Specification based upon testing as outlined by ISO 10360-3 Standards.



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

Hardware Specifications

- Operating Temp Range:** 10 to 40°C (50°F to 104°F)
- Temperature Delta:** 3°C/5min. (5.4°F/5min.)
- Humidity:** 95%, noncondensing
- Calibration Lifecycle:** Permanent
- Power Supply:** Universal worldwide voltage
85-245VAC, 50/60 Hz
- Certifications:** CE compliance
Directive 73/23/EEC, Low Voltage Directive
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



"We were pleasantly surprised at the simplicity and ease of use of the Gage"
— Quinton Major Precision



www.faro.com
800.736.0234



ISO-17025 : 2005
ACCREDITED
Certificate # L1147