

# FARO Gage & Gage-PLUS



**[A] 1,2m ( 48" ) Working Volume**

*Ideal for all your small parts, molds and assemblies*

**[B] Temperature & Overload Sensors**

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

**[C] Internal Counterbalancing**

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

**[D] Multi-Probe Capability**

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

**[E] Extended-Use Battery**

*Optional — Provides true "measure anywhere" capability*

**[F] 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 1,2m (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.

## 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 .005 mm (.0002") accuracy
- ▶ Generate GD&T & SPC reports

# FARO Gage & 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 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)
<b>Gage-PLUS</b>	1200 mm (48") sphere	5+8L/1000	6
<b>Gage</b>	1200 mm (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 Delta:** 3°C/5min. (5.4°F/5min.)
- Humidity:** 95%, noncondensing
- 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



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