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

GAGE & GAGE-PLUS

Accuracy Specifications

	Measuring Volume	ISO 10360-2 E (µm)	ISO 10360-2 R (µm)
Gage-PLUS	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
Temperature Delta: 3°C/5min.
Humidity: 95%, noncondensing
Calibration Lifecycle: Permanent
Protection: IP 64 standards
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

Certified ISO 9001 by BVQI
ANAB ACCREDITED
GSA Contract Holder

www.FARO.com
800.736.0234

LABORATORY ACCREDITATION BUREAU
ACCREDITED
Certificate # L1147

Global Sales Offices: USA • Germany • France • United Kingdom • Spain • Italy • Netherlands • Poland • Singapore • China • Japan • India

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