

# 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*

## **Fast, Easy, and Accurate Measurement!**

End the reliance on expensive and hard-to-use fixed CMMs, improve measurement consistency, generate automatic reports, and reduce inspection times with the FARO Gage. Made specifically to be used by shop floor personnel, the Gage sets up in seconds and allows anyone to measure parts and assemblies easily, quickly, and accurately.

Save time and money by replacing cluttered inspection areas with the one tool that can do it all – the FARO Gage.

## **Most Common Applications**

**Metal Fabrication:** Dimensional Analysis, Part Inspection, On-Machine Inspection

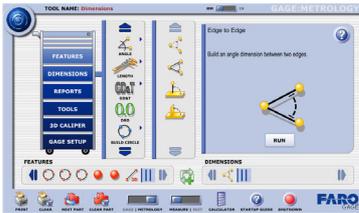
**Aerospace:** First Article Inspection, Alignment, Dimensional Analysis

**Tool & Die:** Dimensional Analysis, Tool Setup, On-Machine Inspection

**Automotive:** Part Inspection, Alignment, Dimensional Analysis

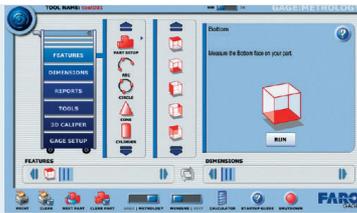
## **Features**

- ▶ 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	
		<b>E (µm)</b>	<b>R (µm)</b>
<b>Gage-PLUS Gage</b>	<b>1200 mm (48") sphere 1200 mm (48") sphere</b>	<b>5+8L/1000 10+16L/1000</b>	<b>6 12</b>

ISO Specification based upon testing as outlined by ISO 10360-2 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**

ISO 9001  
BUREAU VERITAS  
Certification



**ISO-17025 : 2005  
ACCREDITED  
Certificate # L1147**

GSA Contract Holder



**LABORATORY  
ACCREDITATION  
BUREAU  
ACCREDITED  
Certificate No. L1147-1 Calibration**

To learn more, visit [www.faro-Gage-asia.com](http://www.faro-Gage-asia.com)

**FARO Singapore Pte Ltd (Asia Pacific Headquarter)**  
Australia • Malaysia • Philippines • Thailand • Vietnam • India • China • Japan  
3 Changi South Street 2, Xilin District Centre Tower B, Singapore 486548  
Tel: +65 6511 1350 Fax: +65 6543 0111  
Email: salesap@faro.com

**FARO Business Technologies India Pvt Ltd**  
E-12, B-1 Extension, Mohan Cooperative Industrial Estate, Mathura Road,  
New Delhi-110044, India  
Tel: +91 11 4646 5656 Fax: +91 11 4646 5660  
Email : enquiry-india@faro.com