www.faro.com

FARO PowerGAGE

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

Provides true "measure anywhere" capability

Universal 3.5" Quick Mount

Offers real convenience and less downtime

CAD Measurement Made Easy!

Bringing new power to in-process inspection and CAD-to-part verification, the FARO PowerGAGE is easy-to-use and extremely accurate. Designed by and for machinists, it speeds through measurement challenges and produces the most accurate results available. In addition to basic geometric and GD&T measurements, compare CAD data to nominal and generate reports with ease.

Save time and money while gaining easy CAD measurement capability with the FARO PowerGAGE.

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

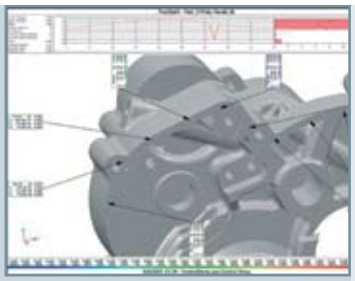
Automotive: Part Inspection, Alignment, Dimensional Analysis

Features

- HIGH accuracy, LOW price
- Up to .0002" (.005 mm) Accuracy
- Write On-Machine Inspection Routines
- Mount and measure parts in process
- Perform CAD-to-part Analysis

DIRECT dimensions
10310 S. Dolfield Road
Owings Mills, MD 21117
410-998-0880 ph
410-998-0887 fax
info@dirdim.com
www.directdimensions.com

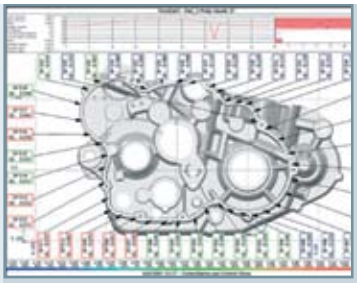
FARO PowerGAGE



On-Screen Measurement Guidance

PowerINSPECT Programmer

- A stand-alone CAD based software for creating inspection programs for the PowerGAGE.
- CAD import - All major industry CAD formats supported
- Builds complete manual inspection sequence offline
  - — Surface inspection against CAD
  - — Full suite of Geometric inspection tools
  - — Auto view orientation in the sequence tree
  - — Instructions, images and videos in the sequence tree
- Built-in customizable reporting



Instant data from multi-config reporting

FARO PowerINSPECT Play Only

A simple software designed to be used by anyone in your organization. Runs with the Gage to execute inspection programs created by the PowerINSPECT Programmer

— Very simple user interface — easy to learn and use
— Training — 2 hours
— Can generate graphical and textual inspection reports
— Multiple-part measurement with one button press
— Saves all inspection data in original file, ready for offline analysis

Performance Specifications

Model	Measuring Volume	ISO 10360-2	
		E (µm)	R (µm)
PowerGAGE	**1200 mm (48") sphere**	**5+8L/1000**	**6**

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

GSA Contract Holder

LABORATORY ACCREDITATION BUREAU

ISO-17025 : 2005
ACCREDITED
Certificate # L1147