



P O W E R G A G E

Bringing new power to in-process inspection and CAD-to-part verification, the PowerGAGE includes a high-powered, easy-to-use programmer module, no-train “player” module, and extremely accurate 4-foot measurement arm. Program it once and you’re done, even directly use CAD data for nominal. It was designed by and for machinists to speed through measurement challenges and produce the most accurate results available. Shop-hardened and temperature-compensated, it allows anyone, anywhere to measure in 3-D with previously unheard of precision.

- HIGH accuracy, LOW price
- Write On-Machine Inspection Routines
- Mount and measure parts in-process
- Up to .0002” accuracy
- Perform CAD-to-part Analysis

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 Temperature and Overload Sensors

C Internal Counterbalancing

D Multi-Probe Capability

E 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

Measuring Volume

ISO 10360-2

E (µm)

R (µm)

PowerGAGE

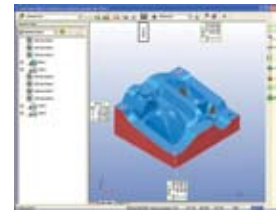
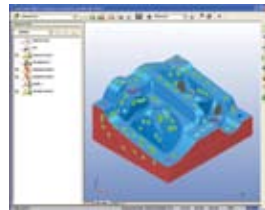
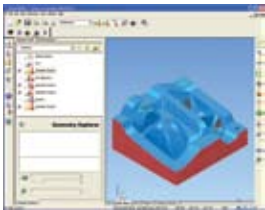
48 in (1200mm) sphere

5+8L/1000

6

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.



On-Screen Measurement Guidance

PowerINSPECT Programmer

- 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

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



GSA Contract Holder

www.FARO.com
800.736.0234



ACCREDITED
Certificate # L1147