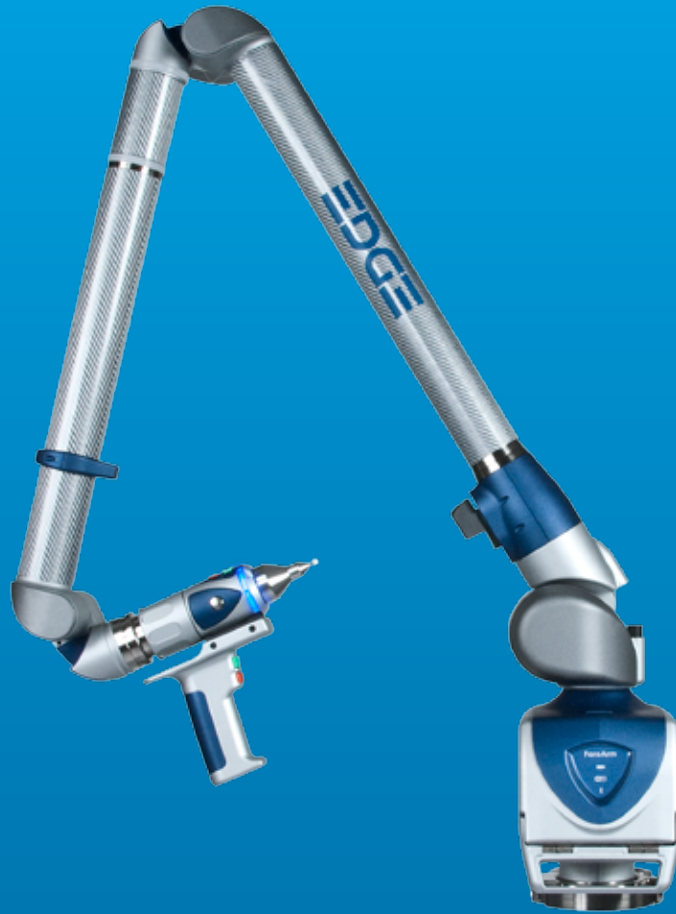


uncompromising. revolutionary. game-changing.



EDGE

features, benefits & technical specifications

innovation to simplify



the world's most innovative measurement arm

As the industry leader, FARO once again raises the bar in portable measurement with the revolutionary FARO Edge. The Edge is the most advanced, state-of-the-art FaroArm® ever introduced. The FARO Edge simplifies the user experience with improved performance, portability, and reliability.

The all new Edge features the first ever integrated personal measurement assistant. With its built-in touchscreen and on-board operating system, the Edge revolutionizes portable metrology by providing stand-alone basic measurement capability.

To compliment the power and precision of the Edge, the all new FARO Laser Line Probe attachment creates the revolutionary Edge ScanArm, providing unparalleled non-contact measurement capabilities. Its wider laser stripe significantly increases scan coverage without sacrificing accuracy, with exceptional speed and feature definition.

Taking advantage of the Edge's multi-function, quick-change handle port, the Laser Line Probe integrates seamlessly and instantly becomes part of the arm. Lighter weight, amazingly compact and completely unobtrusive, it delivers the best performance at the lowest price in the industry for a handheld laser scanning system.



learn more:

www.faro.com/edge



features

intuitive on-board measurement system

- Built-in touchscreen computer
- QuickTools
- Personalized settings
- On-board diagnostics
- Laptop-free basic measurements

ergonomics

- Reduced user supported weight
- Better distribution and balance

multi-function handle port

- Quick-change handle
- Seamless and interchangeable accessory integration
- Expandable capability

smart sensor technology

- Stress sensors warn against excessive external loads
- Temperature Sensors correct for thermal changes
- Tilt/Motion Sensors detect setup problems

connectivity

- *Bluetooth*, WiFi, USB, and Ethernet ready
- Multiple device management through networking



benefits

benefits to end user

- Improved reliability and capability
- Quick measurements without a computer
- Diagnose setup issues affecting performance
- Enhanced ergonomics, less fatigue
- Simplified user experience

benefits to company

- Reduced measurement times
- Generate automatic reporting
- Increased productivity and efficiency
- Meet quality standards
- Deliver products more quickly



performance specifications

6 ft. (1.8m) Measuring Range

Volumetric Accuracy: ± 0.034 mm (± 0.0013 in.)
Single Point Repeatability: $.024$ mm ($.0009$ in.)
Weight: 23.6 lbs. (10.7 kg)

9 ft. (2.7m) Measuring Range

Volumetric Accuracy: ± 0.041 mm (± 0.0016 in.)
Single Point Repeatability: $.029$ mm ($.0011$ in.)
Weight: 24.1 lbs. (10.9 kg)

12 ft. (3.7m) Measuring Range

Volumetric Accuracy: ± 0.091 mm (± 0.0035 in.)
Single Point Repeatability: $.064$ mm ($.0025$ in.)
Weight: 24.9 lbs. (11.3 kg)

laser line probe specifications

Accuracy: $\pm 35\mu\text{m}$ (± 0.0014 in.)
Repeatability: $35\mu\text{m}$, 2σ ($.0014$ in.)
Stand-off: 80 mm (3.15 in.)
Depth of Field: 85 mm (3.35 in.)
Effective Scan width: Near Field 53 mm (2.09 in.)
Far Field 90 mm (3.54 in.)
Points per line: 752 points/line
Scan Rate: 60 frames/second
60fps x 752points/line = 45,120 points/sec.
Weight: Handle with LLP - 7.8oz. (222.4g)
Handle without LLP - 5.1oz. (145.8g)
Difference - 2.7oz. (76.6g)

hardware specifications

Operating Temp range: 10°C to 40°C (50°F to 104°F)

Temperature Rate: 3°C/5min. (5.4°F/5min. Max)

Power Supply: Universal worldwide voltage, 100-240VAC, 47 to 63 Hz

Meets OSHA requirements, NRTL Listed, MET-C Listed, Complies with Electronic Code of Federal Regulations 47 CFR PART 15 and 21 CFR 1040 Performance standards For Light-Emitting Products.

Complies with the following EC Directives: 93/68/EEC CE Marking; 2004/108/EC ELECTRICAL EQUIPMENT; 1999/5/EC R&TTE Directive; 2002/95/EC – RoHS.

Conforms to the following standards: EN 61010-1:2001 / CSA-C22.2 No. 61010-1; EN 61326-1:2006; IEC 60825-1:2007; FDA (CDRH) 21 CFR 1040.10 / ANSI Z136.1-2007; IEEE 802.11 b/g; FCC Part 15 Subpart C / IC RSS-210 and ESTI EN 300/301 (WLAN and Bluetooth).

Patents: 5402582, 5611147, 5794356, 6366831, 6606539, 6904691, 6925722, 6935036, 6973734, 6988322, 7017275, 7032321, 7043847, 7051450, 7069664, 7269910, 7735234, 7784194, 7804602, 7881896, RE42055, RE42082

FaroArm test methods are a subset of those given in the B89.4.22 standard. For more details and complete specifications please visit our website.



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contact us for more information: www.faro.com or 800.736.0234



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