



# FARO EDGE & FARO QUANTUM

Features and  
technical data

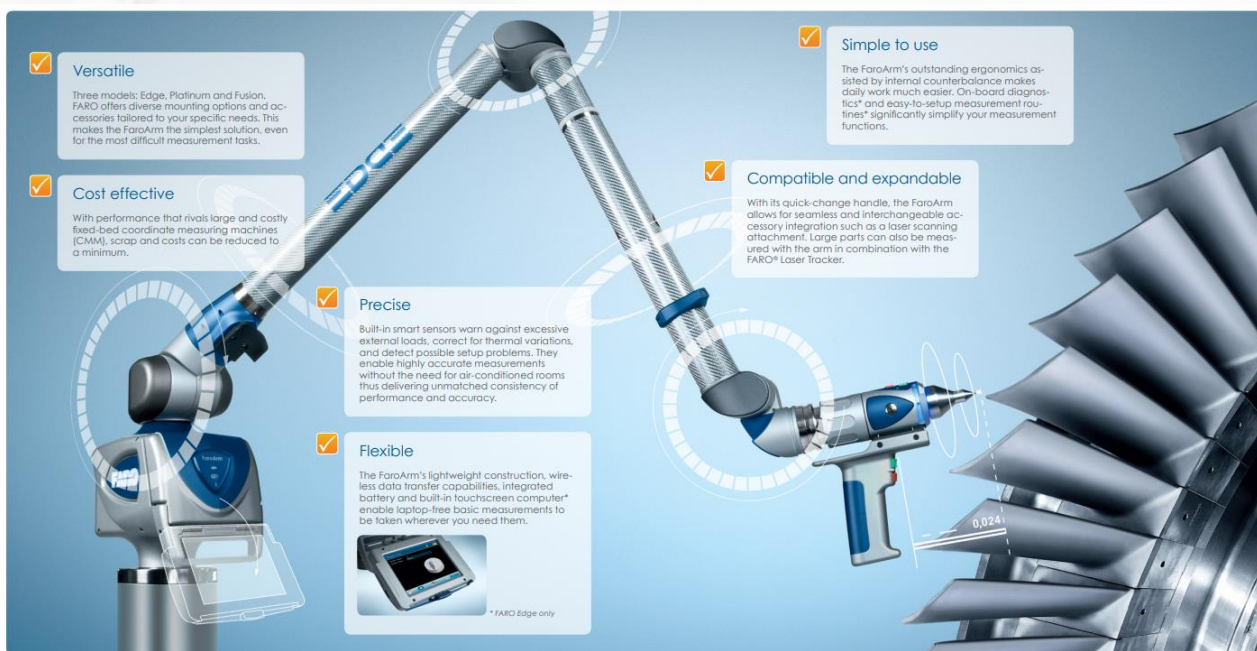


**METROMECAÁNICA**  
INDUSTRIAL METROLOGY

# FARO EDGE & FARO QUANTUM

## SYSTEM DESCRIPTION

Leader system on industry with “Smartarm” technology, with the first integrated measuring assistant, touch screen and operative system. Also, Faro Quantum is the first arm including an 8th axis.



**✓ Versatile**  
Three models: Edge, Platinum and Fusion. FARO offers diverse mounting options and accessories tailored to your specific needs. This makes the FaroArm the simplest solution, even for the most difficult measurement tasks.

**✓ Cost effective**  
With performance that rivals large and costly fixed-bed coordinate measuring machines (CMM), scrap and costs can be reduced to a minimum.

**✓ Precise**  
Built-in smart sensors warn against excessive external loads, correct for thermal variations, and detect possible setup problems. They enable highly accurate measurements without the need for air-conditioned rooms thus delivering unmatched consistency of performance and accuracy.

**✓ Flexible**  
The FaroArm's lightweight construction, wireless data transfer capabilities, integrated battery and built-in touchscreen computer\* enable laptop-free basic measurements to be taken wherever you need them.

**✓ Simple to use**  
The FaroArm's outstanding ergonomics assisted by internal counterbalance makes daily work much easier. On-board diagnostics\* and easy-to-setup measurement routines\* significantly simplify your measurement functions.

**✓ Compatible and expandable**  
With its quick-change handle, the FaroArm allows for seamless and interchangeable accessory integration such as a laser scanning attachment. Large parts can also be measured with the arm in combination with the FARO® Laser Tracker.

\* FARO Edge only

## ADVANTAGES

- Computer with touch screen integrated.
- Less maximum load for the user.
- High scanning speed.
- Inclusion of cinegetic probes (Quantum).

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## APPLICATIONS

- Aeronautic parts inspection.
- Metallurgy inspection.
- Tool and mold modelling.



## TECHNICAL DATA LASER LINE PROBE

- Accuracy  $\pm 25 \mu\text{m}$
- Catches 2000 points / scanned line
- Catches up to 560.000 points per second.

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<b>TECHNICAL DATA (EDGE)</b>	<b>Arm 1.8m</b>	<b>Arm 2.7m</b>	<b>Arm 3.7m</b>
<b>Volumetric accuracy</b>	± 0.034 mm	±0.041 mm	± 0.091 mm
<b>Repeatability</b>	0.024 mm	0.029 mm	0.064 mm
<b>Weight</b>	10.7 Kg	10.9 Kg	11.3 Kg

<b>TECHNICAL DATA (QUANTUM)</b>	<b>Arm 2.5m</b>	<b>Arm 3.5 m</b>	<b>Arm 4m</b>
<b>Volumetric accuracy</b>	± 0.058 mm	±0.090 mm	± 0.115 mm