FARO Products
Portable systems for measurement and 3D documentation
Pioneer for portable measurement

FARO develops portable devices for 3D measurement, inspection, imaging and surveying. Our focus is on simplifying our customers’ work with tools and empowering them to dramatically reduce on-site measuring time and eliminate costly errors. As the pioneer in portable measurement, we have re-invented measuring: instead of carrying your parts to the measuring machine our systems can be deployed just where they are needed.

With FARO you have 3D measurement peace of mind.

The right product for every measurement task

No matter which accuracy and which measurement volume you want to measure - we’ve got the right portable measurement system for you!

The **FARO Gage** enables measurements right on the machine producing your part. With its 1.2m (48”) working volume, it is the “mount-it-to-where-you-make-it”, truly portable, cost-effective, 3D, minimal-training gages for machinists.

The **FaroArm** renders traditional CMMs, hand tools and other portable CMMs obsolete. It is available in different arm lengths and is ideal for inspection, reverse engineering and CAD-to-part-analysis of parts, fixtures and assemblies.

The first fully integrated laser scanner on FARO’s patented seven-axis arm. The FaroArm combined with the **Laser Line Probe** is perfect for reverse engineering and can inspect to CAD and records up to 45,000 points per second.

The **FARO Laser Scanner** is a portable non-contact measurement system to accurately capture 3D data. The system rotates 360° and measures everything within its line of sight with a scan rate of up to 976,000 points per second.

The **FARO Laser Tracker** is a portable 3D measurement system for large volume which uses laser technology and Absolute Distance Meter (ADM & IFM) to effectively and accurately measure large parts, tooling and machinery.

* Depending on the measuring instrument different accuracy test methods have been used. For all technical details please consult the respective tech sheets.
Typical applications

**Aerospace:** Repair & refit

**Tool & Die:** Master roulds, tool setup

**Automotive:** Engine components, braking components, hydraulics and castings

**Castings & Mouldmaking:** Pre-cast mould, composite tooling
User friendliness
Replaces traditional hand tools and thus eliminates individual operator variability

Productivity
Increases productivity with reduced measurement and inspection times

Mobility
Mount and measure parts in manufacturing process

Wireless data transfer
Connectivity through Bluetooth up to 10m (30ft) using Bluetooth® and Ethernet-ready* options

Quality
Meets quality standards with automatic computer-generated reports

FARO® Gage
www.faro.com/gage

Performance specifications

<table>
<thead>
<tr>
<th></th>
<th>Repeatability¹</th>
<th>Accuracy²</th>
<th>FARO Gage Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement Range</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gage</td>
<td>1.2m (4ft.)</td>
<td>0.018mm (0.0007in.)</td>
<td>±0.025mm (±0.001in.)</td>
</tr>
</tbody>
</table>

¹ Repeatability = Single point articulation performance test.
² Accuracy = Volumetric maximum deviation.

Performance specifications according to 889.4.22 [According to VDI/VDE 2617 Part 9 on request].

Your personal CMM
Small, flexible, deployable everywhere

FARO Gage is a high-precision, portable 3D coordinate measurement system with a working range of 1.2m and a measurement accuracy of 0.018mm. A variety of attachment options enable rapid deployment directly at the workplace or in a processing centre. The Gage is now equipped with the Bluetooth® wireless technology. Users can now inspect, then transmit data up to 10m (30 feet) away – even through walls – without having to use cables.
The simple and intuitive user interface makes CAM2 GAGE the perfect entry-level inspection software.

The software is ideal for measuring machined parts where you need to compare the manufactured part to a print.

Quickly and efficiently measure geometric features using your FARO Gage. While you measure, feedback is displayed in real-time and you can directly type in nominal dimensions and tolerances to compare your measurements to your design criteria.

Construct dimensions based on the measurements you have made to verify characteristics of your part that cannot be directly measured.

Build coordinate systems and schemes to report geometric dimensions and tolerances (GD&T) as they are called out on your prints.

Associate real pictures of your part with each measurement to provide a visual guide for the operator of what to measure and how. View and print a report of all characteristics of your interest.

You will find here an example of how easy it is to measure with the CAM2 GAGE software. Choose a part that has two holes and we will guide you through the process of measuring the centre-to-centre distance between these two holes.

1. **Setup your FARO Gage**
   
   Setup your FARO Gage and position your part within reach of the device. Connect the tool to the laptop that is running CAM2 GAGE.

2. **Start the Measure command**
   
   Start the Measure => Circle command. Since the circle measurement needs a projection plane, you will be asked to measure first the plane and then the first circle. Click on the measure circle again and measure the second circle.

3. **Run the Construct command**
   
   Run the Construct->Length->Point to Point command. The two circles should already be selected and you immediately see the length value.

4. **Quick Report**
   
   Press the Quick Report button on the bottom of the Inspection-Plan to see a quick report with your results.
FaroArm®
www.measuring-arms.faro.com

Typical Applications

Aerospace: Alignment, tooling & mould certification, part inspection

Automotive: Tool building & certification, alignment, part inspection

Metal fabrication: OMI, first article inspection, periodic part inspection

Moulding/tool & die: Mould and die inspection, prototype part scanning

Detailed technical specifications can be found at www.measuring-arms.faro.com.
FARO® Edge
www.measuring-arms.faro.com

The world’s most innovative measurement arm

The Edge is the most advanced, state-of-the-art FaroArm ever introduced. It is the first ever smart measurement arm featuring an integrated personal measurement assistant. With its built-in touchscreen and on-board operating system, the Edge revolutionizes portable metrology by providing standalone basic measurement capability. The FARO Edge simplifies the user experience with improved performance, portability, and reliability. Improve production, quality, and reverse engineering processes by rapidly verifying or scanning parts with confidence and accuracy using the FARO Edge.

Ergonomics
Improved weight distribution and balance, for reduced strain and ease-of-use.

Multi-probe capability
Including standard, touch, FARO iProbes, and custom probes.

Smart sensor technology
Warn against excessive external loads, correct for thermal variations and detect possible setup problems.

Smart connectivity
Through Bluetooth®, WLAN, USB, and Ethernet ready options. Enables multiple device management through enhanced networking.

On-board measurement system
Built-in touchscreen computer for laptop-free basic measurements. On-board diagnostics and easy-to-setup measurement routines.

Performance specifications

<table>
<thead>
<tr>
<th>Measurement Range</th>
<th>Repeatability¹</th>
<th>Accuracy²</th>
<th>FaroArm Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Axes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Edge 1.8m (6ft.)</td>
<td>0.024mm (0.0009in.)</td>
<td>±0.034mm (±0.0013in.)</td>
<td>10.7kg (23.6lbs.)</td>
</tr>
<tr>
<td>Edge 2.7m (9ft.)</td>
<td>0.029mm (0.0011in.)</td>
<td>±0.041mm (±0.0016in.)</td>
<td>10.9kg (24.1lbs.)</td>
</tr>
<tr>
<td>Edge 3.7m (12ft.)</td>
<td>0.064mm (0.0025in.)</td>
<td>±0.091mm (±0.0035in.)</td>
<td>11.3kg (24.9lbs.)</td>
</tr>
</tbody>
</table>

1) Repeatability = Single point articulation performance test. 2) Accuracy = Volumetric maximum deviation. Performance specifications according to B89.4.22 (According to VDI/VDE 2617 Part 9 on request).
FARO® Prime
www.measuring-arms.faro.com

- Extended-use battery
  Integrated extended-use battery provides true ‘measure anywhere’ capability.

- Bluetooth® wireless operation
  Inspect and digitize wirelessly up to 10m (30ft.) away.

- Internal counterbalancing
  Internal counterbalancing provides comfortable stress-free usage.

- Multi-probe capability
  Including various ball diameters, custom extensions and optional touch sensitive probe.

- Temperature & overload sensors
  Located in each joint, they allow the arm to “feel” and react to thermal variations and improper handling for maximum accuracy.

FARO Prime
Best accuracy, best value portable CMM

Available in five working lengths and 6-axis configuration, the FARO Prime delivers the highest FaroArm accuracy at an amazing value. Equipped with Bluetooth® technology, the Prime eliminates the need to tether the device to a laptop. An extended-use battery and composite material construction ensure shop floor durability, day after day. Together, these features make the FARO Prime the ideal solution for basic measurements in inspection, reverse engineering, CAD-to-part analysis and for anything else where a high-accuracy, hard-probing measurement solution is needed.

Detailed technical specifications can be found at www.measuring-arms.faro.com.

1) Repeatability = Single point articulation performance test. 2) Accuracy = Volumetric maximum deviation.

<table>
<thead>
<tr>
<th>Measurement Range</th>
<th>Repeatability¹</th>
<th>Accuracy²</th>
<th>FaroArm Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Axes</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Prime 1.2m (4ft.)</td>
<td>0.016mm (0.0006in)</td>
<td>±0.023mm (±0.0009in.)</td>
<td>9.1kg (20.0lbs.)</td>
</tr>
<tr>
<td>Prime 1.8m (6ft.)</td>
<td>0.019mm (0.0007in)</td>
<td>±0.027mm (±0.0011in.)</td>
<td>9.3kg (20.1lbs.)</td>
</tr>
<tr>
<td>Prime 2.4m (8ft.)</td>
<td>0.024mm (0.0009in.)</td>
<td>±0.034mm (±0.0013in.)</td>
<td>9.5kg (21.0lbs.)</td>
</tr>
<tr>
<td>Prime 3.0m (10ft.)</td>
<td>0.042mm (0.0017in.)</td>
<td>±0.059mm (±0.0023in.)</td>
<td>9.7kg (21.5lbs.)</td>
</tr>
<tr>
<td>Prime 3.7m (12ft.)</td>
<td>0.060mm (0.0024in.)</td>
<td>±0.085mm (±0.0033in.)</td>
<td>9.9kg (22.0lbs.)</td>
</tr>
</tbody>
</table>

Detailed technical specifications can be found at www.measuring-arms.faro.com.
FaroArm® Fusion
www.measuring-arms.faro.com

Universal 3.5” quick mount
Offers ‘Mount-it-where-you-make-it’ convenience and less downtime.

Auto sleep mode
Automatically turns off unit to save energy and extend component life.

Bluetooth® wireless operation
Inspect and digitize wirelessly up to 10m (30ft.) away.

Multi-probe capability
Including various ball diameters, curved and extended probes.

Internal counterbalancing
Internal counterbalancing provides comfortable stress-free usage.

FaroArm Fusion
Quality without compromise
To make your products and processes the best in the world, there isn’t another portable CMM that combines the precision, durability, technology and cost-effectiveness of the FaroArm Fusion. The Fusion is the economical, all-in-one portable tool for performing inspections, tool certification, CAD-to-part analysis, or reverse engineering.

Performance specifications

<table>
<thead>
<tr>
<th>Measurement Range</th>
<th>Repeatability ¹</th>
<th>Accuracy ²</th>
<th>FaroArm Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6</td>
<td>7</td>
<td>6</td>
</tr>
<tr>
<td>Fusion 1.8m (6ft.)</td>
<td>0.036mm (0.0014in.)</td>
<td>0.046mm (0.0018in.)</td>
<td>±0.051mm (±0.0020in.)</td>
</tr>
<tr>
<td>Fusion 2.4m (8ft.)</td>
<td>0.043mm (0.0017in.)</td>
<td>0.051mm (0.0020in.)</td>
<td>±0.061mm (±0.0024in.)</td>
</tr>
<tr>
<td>Fusion 3.0m (10ft.)</td>
<td>0.074mm (0.0029in.)</td>
<td>0.089mm (0.0035in.)</td>
<td>±0.104mm (±0.0041in.)</td>
</tr>
<tr>
<td>Fusion 3.7m (12ft.)</td>
<td>0.104mm (0.0041in.)</td>
<td>0.124mm (0.0049in.)</td>
<td>±0.147mm (±0.0058in.)</td>
</tr>
</tbody>
</table>

Performance specifications according to B89.4.22 (According to VDI/VDE 2617 Part 9 on request).
FARO® Edge ScanArm & Laser ScanArm®
www.measuring-arms.faro.com

- **Precise**
  The Edge ScanArm offers an accuracy of up to 0.069mm (0.0027in)

- **Integrated design**
  With its internal electronics and no external cables, measurements can be carried out everywhere – without restricting the arm’s infinite rotation capabilities

- **Simple and ergonomic handling**
  The low weight of the laser line probe (222.4g) and ease-of-use enable fatigue-free work

- **Expanded coverage and high speed**
  With a laser stripe that is nearly 90mm, the laser line probe produces over 45,000 points of three-dimensional data per second using advanced CMOS technology

---

**Non-contact measurement**

**Flexible due to integrated design**

The FARO Edge ScanArm and Laser ScanArm facilitate contact and non-contact measurements in one operation. They are perfectly adapted to CAD comparisons, rapid prototyping, reverse engineering and 3D modelling. They combine the portable 7-axis FARO measurement arm with a laser sensor. FARO Laser Line Probe for Edge is the smallest, lightest and fastest handheld laser scanning probe. It is very user-friendly and offers maximum freedom of movement without cumbersome external cable connections.

---

### Performance specifications

#### FARO Edge ScanArm - Non-Contact

<table>
<thead>
<tr>
<th>Measurement Range</th>
<th>1.8m (6ft.)</th>
<th>2.7m (9ft.)</th>
<th>3.7m (12ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edge (7 Axes)</td>
<td>0.069mm (0.0027in.)</td>
<td>0.076mm (0.0030in.)</td>
<td>0.126mm (0.0049in.)</td>
</tr>
</tbody>
</table>

#### FARO ScanArm V3 - Non-Contact

<table>
<thead>
<tr>
<th>Measurement Range</th>
<th>1.8m (6ft.)</th>
<th>2.4m (8ft.)</th>
<th>3.0m (10ft.)</th>
<th>3.7m (12ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fusion (7 Axes)</td>
<td>0.081mm (0.0032in.)</td>
<td>0.086mm (0.0034in.)</td>
<td>0.124mm (0.0049in.)</td>
<td>0.159mm (0.0063in.)</td>
</tr>
</tbody>
</table>

Detailed technical specifications can be found at www.measuring-arms.faro.com
Performance specifications according to B89.4.22 (According to VDI/VDE 2617 Part 9 on request).
Typical applications

**Alignment:** Real-time measurement confirms tolerances and validates design

**Installation:** Reduce wear and tear on mechanical parts

**Part Inspection:** Digital record of actual vs nominal data

**Tool Building:** Full volumetric accuracy tests

**Reverse Engineering:** Acquire high accuracy digital scan data

**Robotic & Machine Guidance:** Automation simplifies complex drilling and probing applications
Productivity by design

World’s most complete laser tracking solution

The FARO Vantage is the most complete laser tracking solution. It is an extremely accurate, portable coordinate measuring machine that enables you to build products, optimize processes, and deliver solutions by measuring quickly, simply and precisely. The Vantage is the smallest and lightest FARO Laser Tracker ever built, making it incredibly easy-to-use and transport between job sites. TruADM is FARO’s 5th generation patented ADM system which uses predictive algorithms to compensate for the acceleration and velocity of a moving target.

Efficiency
The long range allows to perform effective measurements of up to 160m**. Integrated WLAN means no need to plug the device into the laptop computer.

Versatile usage
With the new IP52 rating you can measure in challenging surroundings. Integrated weather station maintains the highest accuracy in adverse conditions.

Easy-to-use
Measuring around complex tooling and structures is easier with the new SmartFind function permitting the tracker to aim the beam back to the target by gesturing to the device.

Portability
Lighter and smaller form factor as well as the innovative travel case system make it easy to move the device between the job-sites.

Point-to-Point Accuracy*

<table>
<thead>
<tr>
<th>In-Line Distance Measurement</th>
<th>2-5</th>
<th>2-10</th>
<th>2-20</th>
<th>2-30</th>
<th>2-40</th>
<th>2-60</th>
<th>2-80*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length (m)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance (m)</td>
<td>3</td>
<td>8</td>
<td>18</td>
<td>28</td>
<td>38</td>
<td>58</td>
<td>78</td>
</tr>
<tr>
<td>MPE (mm)</td>
<td>0.018</td>
<td>0.022</td>
<td>0.03</td>
<td>0.038</td>
<td>0.044</td>
<td>0.062</td>
<td>0.078</td>
</tr>
<tr>
<td>Typical (mm)</td>
<td>0.009</td>
<td>0.011</td>
<td>0.015</td>
<td>0.019</td>
<td>0.023</td>
<td>0.031</td>
<td>0.039</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Horizontal Scale Bar Measurement (2.3m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range (m)</td>
</tr>
<tr>
<td>MPE (mm)</td>
</tr>
<tr>
<td>Typical (mm)</td>
</tr>
</tbody>
</table>

Point-to-Point Accuracy: In-Line Distance Measurement

Point-to-Point Accuracy: Horizontal Scale Bar Measurement

*Specifications, descriptions, and technical data may be subject to change.

1mm = 0.0394 inches

* MPE and all accuracy specifications are calculated per ASME B89.4.19 - 2006. Variation in air temperature is not included. ** With selected target.
FARO® Laser Tracker ION®
www.faro.com/lasertracker

Accuracy
SelfComp automatically tunes Laser Tracker parameters to ensure high accuracy which gives you dependable results to remain competitive.

Dual Distancing Systems
Catch the beam in the air and set the distance instantly with Agile ADM; perform high speed dynamic measurements or high precision in-line measurements with IFM.

Integrated precision level
Integrated precision level establishes level to gravity within the measurement job.

Mounting flexibility
The device offers versatile mounting options. It can be mounted vertically, horizontally or upside down, providing versatility in tight or congested areas.

High-precision based on IFM
The laser tracker you’ve come to rely on

The FARO Laser Tracker ION is a high precision, portable coordinate measuring machine that enables you to build products, optimize processes, and deliver solutions by measuring more quickly, simply and precisely. Replacing conventional hand tools such as tape measures, piano wire, plumb bobs, and even theodolites - the ION is a more accurate and reliable tool that allows you to streamline your processes and gain confidence in your measurement results.

Point-to-Point Accuracy*

<table>
<thead>
<tr>
<th>In-Line Distance Measurement</th>
<th>2-5</th>
<th>2-10</th>
<th>2-20</th>
<th>2-30</th>
<th>2-40</th>
<th>2-50*</th>
<th>2-55*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length (m)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance (m)</td>
<td>3</td>
<td>8</td>
<td>18</td>
<td>28</td>
<td>38</td>
<td>48</td>
<td>53</td>
</tr>
<tr>
<td>MPE (mm)</td>
<td>0.018</td>
<td>0.022</td>
<td>0.03</td>
<td>0.038</td>
<td>0.046</td>
<td>0.062</td>
<td>0.078</td>
</tr>
<tr>
<td>Typical (mm)</td>
<td>0.009</td>
<td>0.011</td>
<td>0.015</td>
<td>0.019</td>
<td>0.023</td>
<td>0.031</td>
<td>0.039</td>
</tr>
<tr>
<td>IFM</td>
<td>0.006</td>
<td>0.011</td>
<td>0.018</td>
<td>0.026</td>
<td>0.034</td>
<td>0.042</td>
<td>0.046</td>
</tr>
<tr>
<td>Typical (mm)</td>
<td>0.003</td>
<td>0.005</td>
<td>0.009</td>
<td>0.013</td>
<td>0.017</td>
<td>0.021</td>
<td>0.023</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Horizontal Scale Bar Measurement (2.3m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range (m)</td>
</tr>
<tr>
<td>MPE (mm)</td>
</tr>
<tr>
<td>Typical (mm)</td>
</tr>
<tr>
<td>IFM</td>
</tr>
<tr>
<td>Typical (mm)</td>
</tr>
</tbody>
</table>
Portable measurement software

Software for FaroArm, FARO ScanArm and FARO Laser Tracker

The new software CAM2 Measure 10 meets customer demands. Our hardware and the new CAM2 Measure 10 were designed to make measuring and scanning processes easier. New features like the Live Colour Scan, Shortcuts or the Easy Move Wizard improve every process where measuring or scanning are needed.

Live colour scan

Thanks to Live Colour Scan, FARO’s new point cloud inspection technology, CAM2 Measure 10 users are now able to quickly scan freeform parts using the ScanArm in a way never seen before. Users see a live colour deviation on their CAD model as the part is being scanned, increasing the efficiency during the scan process.

Shortcuts

The new Shortcuts feature allows users to create new commands to measure features that are only available through combining measurements and constructions. Shortcuts empower you to record all steps of a complex measurement into a single command that can later be accessed with a single mouse click.

Easy move wizard

The Easy Move Wizard is a great assistance for measuring large parts when the need to reposition the device is often necessary to complete a measurement. The complexity of finding the correct target correspondence is taken away from the operator, cutting down on the time required for the repositioning and removing the risk of human errors.

Software options

Compatible with numerous software solutions

All FARO measurement systems can be used in conjunction with a broad range of third party software.

Some of our software partners

Aberlink, Carl Zeiss, Delcam, Dynalog, Geomagic, InnovMetric Software, INUS Technology & RapidForm, metaio, Metrologic, Metromec, New River Kinematics, Robert McNeel & Associates (Rhino3d), Q-DAS, SolidWorks, TeZet, Verisurf Software
**Typical applications**

**Architecture and civil engineering:** Excavation control, deformations control, facades inspection, structural analysis and maintenance, free-form components inspection, built environment, construction progress monitoring

**Process industry and digital factory:** Conversions and extensions, offsite production, asset management, site supervision

**Inspection and reverse engineering:** Interior fixtures and fittings, manufacturing documentation, quality control

**Other Applications:** Heritage, forensics and accident scenes, surveying & services, tunnel & mining, automation & mobile mapping

Watch the video online!
Small and compact
The Focus3D® is the smallest and most compact laser scanner ever built.

Intuitive touchscreen display
With its brilliant colour display for intuitive touch operation, FARO sets a completely new standard in user friendliness.

Integrated colour camera
Photo-realistic 3D scans with up to 70 megapixel of parallax-free colour overlay.

WLAN
WLAN remote control permits you to start, stop, view or download scans at a distance.

Stand-alone solution
The ultra-portable design combined with SD card storage and powerful built-in battery allows for operation without any external device.

Multi-Sensor
The integrated Compass, the Height Sensor and the Dual Axis Compensator dramatically minimize manual efforts.

3D documentation made easy
Small, lightweight, easy to use
The FARO Laser Scanner Focus3D® is an incredibly easy-to-use mobile 3D camera. It enables the quick creation of accurate three-dimensional colour images – so-called point clouds – of large buildings, components or crime scenes, for example. The very small device offers exceptional ease of use, high scanning speed and excellent image quality - even in colour. It also has an intuitive touch screen display and an integrated quick-charge battery.

Performance specifications*

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Field of view</th>
<th>Measurement speed</th>
<th>Ranging error</th>
<th>Ranging noise</th>
<th>Data Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Focus3D S 20</td>
<td>0.6–20m</td>
<td>vertical: 300°</td>
<td>up to 976,000</td>
<td>±2mm</td>
<td>@10m – raw data: 0.6mm @90% refl.</td>
<td>SD, SDHC™, SDXC™, 32GB card included</td>
</tr>
<tr>
<td>Focus3D S 120</td>
<td>0.6–120m</td>
<td>horizontal: 360°</td>
<td>points/second</td>
<td></td>
<td>@25m – raw data: 0.95mm @90% refl.</td>
<td></td>
</tr>
</tbody>
</table>

Model
Focus3D S

Scanning time
Standard scan: B/W: 3min
Colour: 5min

Weight
5.0kg

Multi-Sensor
Compass
Height Sensor
Dual Axis Compensator

Size
240 x 200 x 100mm

Scanner control
via touchscreen display and WLAN

* Detailed information at www.faro.com/focus
1mm = 0.0394 inches
SCENE software

SCENE was specifically designed for the FARO Laser Scanner. SCENE processes and manages scanned data both easily and efficiently by using the automatic scan registration. The user just needs to check the results at the end. Once SCENE has prepared the scan data, viewing, evaluation and further processing can commence right away.

Software options

The Focus3D and it’s SCENE software are compatible with the most common CAD software applications and can be used to export scan data to over 50 common software solutions, such as:

- General CAD: AutoCAD, Microstation, Rhino
- Plant construction: AVEVA PDMS, Intergraph PDS, AutoCAD Plant 3D, Microstation, Rhino
- Architecture: AutoCAD Architecture, REVIT
- Civil engineering / surveying: AutoCAD Civil 3D, PolyWorks Surveyor, Carlson, Microsurveys
- Heritage: 3D Reconstructor
- Quality control: Geomagic Qualify, PolyWorks Inspector, Rapidform XOR
- Forensics: AutoCAD, SCENE Forensics
- Reverse engineering: Geomagic Studio, PolyWorks Modeler, Rapidform XOR
- Tunnelling: RR Tunnel, TMS
- Visualization: Pointools

So that everything stays in focus

FARO offers WebShare, a powerful tool for the easy and safe sharing of scan data over the Internet. With a single click in the Focus3D’s SCENE software, the current scan data can be transferred to a safe WebShare server. Users such as the client or participating trades can easily view the scan data and evaluate it in detail using the free SCENE LT software. WebShare can be used without any additional costs.

Check it out on our demo server at: www.farowebshare.com

App Center

The FARO 3D App Center!

In the 3D App Center you will find software dedicated to the FARO 3D Documentation world. The shop is divided into two main categories: Stand-alone apps and plug-in apps. www.3d-app-center.faro.com
You are in good hands

www.faro.com/cs

Accessories

Expand your possibilities

In addition to our hardware and software, we also offer a broad range of supplementary equipment and accessories: probes, targets (SMR), mounting options, tripods, measurement tables, computers, cables, adapters, tools, protective covers, transport cases and many more.

Training

For your employees

A measurement system is only as good as its user. FARO offers training courses and workshops to show you how our products are employed most efficiently. Depending on your knowledge level we offer basic or advanced training. Training is carried out in small groups at FARO or – if you wish – at your facilities.

Customer service

Always there for you

On the phone: Our customer service staff are available from 9am to 5pm (CEST) from Monday to Friday. Free call number: 00 800 3276 7378
E-Mail: support@faroeurope.com
Online-Support Center: www.faro.com/support
On-site: Our application engineers will help you on-site.

Service contract

The service contract includes maintenance, inspection and calibration by our experts. In addition, customers with a service contract will receive a 10% discount on all accessories and free re-certification, repair and advice.

FARO webinars

Hear from industry experts on emerging trends in 3D documentation, advancements in 3D metrology and portable CMMs and best practices without ever leaving the office. If you are unable to attend any of our live webinars, they are all recorded and uploaded as podcasts here and are searchable by broadcast date.

Check it out on our website: www.faro.com/webinar
Things to know & important links

Fairs & Roadshows
Find out about upcoming events to meet the FARO team.
www.faro.com/uk/events
www.faro.com/distribution/events

Get a free demo!
We measure your parts on-site and show you how measuring tasks can be solved with portable 3D systems.
www.faro.com/demo

Free white papers
Improve your knowledge about measurement and 3D documentation.
www.faro.com/whitepaper

Subscribe to the monthly e-newsletter
E-Newsletter to receive interesting news and tips & tricks on how to measure more efficiently.
www.sc.faro-europe.com

Social media links
Visit us @
www.facebook.com/faroeu
www.youtube.com/faroqb
www.linkedin.com/company/faro-europe-gmbh-&-co-kg
www.twitter.com/faroeurope
www.xing.com/companies/faroeuropegmbh
www.blog.faro-europe.com

Product Videos
Our FARO videos speak louder than words and highlight all the great features of every single FARO product. Watch in seconds how to measure complex parts in production or document a challenging surveying task. All videos are available in several European languages.

Watch the video online at: www.faro.com