



FARO Focus S 70 Laser Scanner

The FARO Focus S 70 Laser Scanner is built for fast and exact indoor and outdoor measurements in three dimensions. This laser scanner has a range of 70m.



Detailed Description

The ultra-portable FocusS 70 enables fast, straightforward and ultra-high accurate measurements of objects and buildings. It records architectural façades, complex structures, production and supply facilities, accident sites, and large-volume components delivering realistic and true-to-detail scan results with a range of 70m per scan.

The intuitive touch-screen of the Focus S models has been increased in size and clarity to deliver an extraordinary user experience. A built-in 8 mega-pixel, HDR-camera captures detailed imagery easily while providing a natural colour overlay to the scan data in extreme lighting conditions. Familiar traits such as light weight, small size and a 4.5-hour battery runtime per charge makes the Focus S Laser Scanner truly mobile for fast, secure and

reliable scanning.

The Focus S 70 is a mid-range device offering precise scanning up to 70m, with their sealed design, are certified via the industry standard Ingress Protection (IP) Rating, and classified in Class 54 for environmental protection. The devices are built to safeguard against intrusions such as dirt, dust, fog and rain as well as other outdoor elements which typically occur in challenging scanning conditions. In addition the laser scanner offers a future-proof interface to connect additional accessories to the scanner and provide a specific on-site compensation routine.

Remote scanning as well as almost limitless scan data sharing via SCENE Webshare Cloud make the laser scanning solution truly mobile.



Focus® Series



Accuracy

The FocusS uses dual-axis compensation to capture environments with increase accuracy and range.



On-Site Compensation

With the on-site compensation functionality users can verify and adjust the FocusS compensation immediately before scanning, ensuring high-quality scan data.



Accessory Bay

The accessory bay allows users to connect additional 3D laser scanning accessories to support a variety of projects.



Temperature

Extended temperature range allows scanning in challenging environments. The Focus can operate in temperatures as low as -20°C and up to 55°C.



IP Rating - Class 54

With the sealed design and certified with the industry standard Ingress Protection (IP) Rating, IP54, the Focus can be used in high particulate and wet weather conditions.



Compact and portable

Focus Laser Scanners are the smallest and lightest devices in their performance class. They are provided with a waterproof transport and ergonomic carrying case for maximum portability.

Features & Benefits

- Range: 0.6 - 70m
- High Dynamic Range (HDR) Photo Recording 2x/3x/5x
- Measurement Speed: up to 976,000 points/second
- Ranging Error: $\pm 1\text{mm}$
- Sealed Design - Ingress Protection (IP) Rating Class 54
- On-site Compensation
- Accessory Bay
- Angular Accuracy: 19 arc sec for vertical/horizontal angles

- Integrated Colour Camera: Up to 1.65 megapixels
- Laser Class: Laser class 1
- Weight: 4.2kg
- Multi-Sensor: GPS, Compass, Height Sensor, Dual Axis Compensator
- Size: 230 x 183 x 103mm
- Scanner Control: via Touch Screen Display and WLAN

Technical Specification

Max. Range (metres)	70
Max. Scan Rate (Million points /s)	2
HDR Imagery	√
Onsite Registration	√

Configuration list

Focus S 70 Laser Scanner: with HDR Photography, GPS, Compass, Altimeter (Barometer), Dual-axis Compensator, WLAN, Accessory Bay, IP Rating 54, On-site Compensation Functionality

Battery Power Block

Battery Power Dock

90W Power Supply

Optic Cleaning Fluid

Optic Cleaning Tissues

32GB SD Card

SD Card Reader

SD Card Cover

Allen Wrench

Rugged Transport Case

Calibration Certificate

Quick Start Guide

Please feel free to contact us if you are interested in this product.