

FARO Focus S 70 Laser Scanner




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^S Series
-  **Accuracy**
The Focus^S 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 Focus^S 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 1mm
Sealed Design - Ingress Protection (IP) Rating Class	IP54
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