

Laser Scanner Photon™ - Super Mobile Laser Scanning



FARO Laser Scanner Mobile Handle

Easy change your scanning standpoint

FARO Laser Scanner Color Option

Our unique parallax-free camera bracket keeps the camera off the way, when the Laser Scanner captures the 3-dimensional environment. Uses high-quality Nikon cameras.

FARO Laser Scanner Mobile Remote Control

By the means of our WiFi-Socket, the FARO Laser Scanner becomes remotely controlled with any WiFi device such as a SmartPhone or PDA through an internet browser

FARO Laser Scanner Mobile Backpack

The Backpack offers enough space to hold a laser scanner and some accessories

FARO Laser Scanner Power Base

Up to 6hrs operating time at a weight of only 4kg

FARO Laser Scanner carbon fiber tripod

Lightweight tripod supplies the stability which is needed to capture high-accuracy laser scans

FARO Laser Scanner Photon™

As a laser scanner operator, you have to go where the work is. The FARO Laser Scanner is built to capture the reality of large areas or big and heavy objects. The more immobile the focus of your daily work is, the mobile you and your tools have to be. That's why FARO offers a unique set of accessories to mobilize your scanning business – we simply call it "Super Mobile Laser Scanning".

A breakthrough for many industries

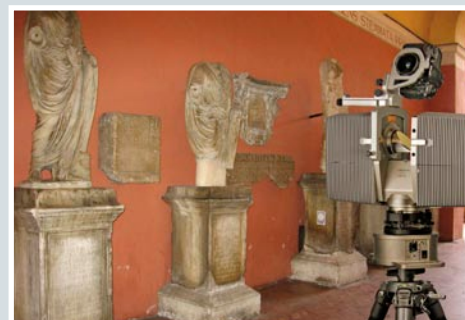
The Photon™ Laser Scanner family together with its accessories and FARO Scene is a breakthrough for all industries which require very high fidelity of the captured 3D image for reproduction, reengineering, quality assurance and automatic object recognition in modelling. The improvements will be beneficial in all industries such as **Cultural Preservation, Architecture, Process, Piping and Power Industries, Aerospace, Automotive and Shipbuilding, Automated Quality Assurance Systems, Foundries, Forensic, Tunnel and Mining** as well as Toy Reproduction.

Features

- ▶ Best Mobility
- ▶ Smooth cooperation
- ▶ Flexibility
- ▶ Productive from the beginning

Super Mobile Laser Scanning

Applications



Specifications

FARO Laser Scanner Mobile Handle

Do you remember how bulky and heavy 3D laser scanners have been in the past? Our new carrying handle makes changing your scanning standpoint as easy as carrying your shopping basket on a sunny Saturday morning. After placing the FARO Laser Scanner on the next scanning position, you simply fold the two parts of the handle aside to release the field of view for the next scan. The unique design assures you that you enjoy a balanced handling of the scanner, which does not tear the scanner unevenly and misalign the sensitive mechanics and electronics.

FARO Laser Scanner carbon fiber tripod

No matter which mountain you have to climb or in which cave you have to descent to – this rugged, lightweight tripod supplies the stability which is needed to capture high-accuracy laser scans. It weighs only about 3,5kg and the geared center column is designed to provided exactly the height offset needed for the FARO color option.

FARO Laser Scanner Power Base

Mobility is hampered by heavy weight and big dimensions. Especially the power supply of a laser scanner is assumed to be the most heavy and bulky part of a laser scanning equipment. With our new, super mobile Power Base, you will have up to 6hrs operating time at a weight of only 4kg! And it's so rugged and small that you mount it directly underneath your FARO Laser Scanner. It is splash waterproof and an array of LEDs constantly inform you about the charge status of your battery and before it will run out of power, it will additional alarm you with a Buzzer.

FARO Laser Scanner color option

Our unique parallax-free camera bracket keeps the camera of the way, when the Laser Scanner captures the 3-dimensional environment. After that, the bracket places the digital photo camera exactly where the receiving mirror of the FARO Laser Scanner was before. This gives you maximum color scan quality with minimum effort – even the colorization of the scan points is done automatically by FARO Scene.

FARO Laser Scanner Mobile Remote Control

By the means of our WiFi-Socket, the FARO Laser Scanner becomes remotely controlled with any WiFi device such as a SmartPhone or PDA through an internet browser. Because of the proven power of WiFi, this gives you free ranging control of up to 100m distance in open field and in normal circumstances up to 30m within buildings. Thus you are able to run your FARO Laser Scanner without touching it and even better without seeing it. All proprietary software you need is already installed on your scanner. FARO Record mobile creates the necessary user-interface on any HTML capable device. Now as many Scanner Operators as you wish can run the Scanner without added Software Licences.

FARO Laser Scanner Mobile Backpack

Packed in the FARO Backpack, your laser scanner travels wherever you may travel. The Backpack offers enough space to hold a laser scanner and some accessories. The carbon fibre tripod is fixed with straps to the outside of the backpack. In case you also want to transport your Power Base or additional accessories like our FARO color option, everything will easily fit in a second Backpack.

