TECHNICAL SPECIFICATIONS

Scanner Dimensions	490 x 180 x 110 mm
Box Dimensions	520 x 450 x 120 mm
Box Weight	6,4 kg
Scanning Technology	Structured Light
Head Scanning Equivalent Resolution	9,5 Mpx
Projector	1280 x 800 LED 450 Lumen
Scanning Time	~ 2 secs per scan
Scanning Fields	reconfigurable from 80 x 65 mm to 600 x 480 mm
Scanning Object Dimensions	suggested from 10 mm to 3000 mm
Scanning Working Distance	from 170 mm to 1355 mm
Resolution	from 0,028 mm to 0,25 mm
Accuracy	up to 0,025 mm*
Texture / Colour Data	available, included
Automatic TurnTable	available, optional
Software	ScanXpert Suite FX Version – Unlimited USB License Dongle
Export File Formats	Mesh: OBJ, STL, PLY

* Certification according to the recommendations of the German PTB according to VDI / VDE 2634 part 3

SYSTEM REQUIREMENTS

PC	Intel Core i5 CPU , 16 GB RAM, Nvidia Grafikkarte
Operating System	Windows 10 / 11 – 64 bit
Connectivity	2x USB3 (900 mA), 1x USB, 1x HDMI

ACCESSORIES

Compact & portable

The scanner is compact, delivered in a handy box. All for the configuration and use of the scanner required accessories and tools are included.

Automatic turntable

The cooperation between ScanXpert FX and the automatic turntable produces amazing results. It's possible to set up automatically all the scanning process and get all the images already aligned in just one click, by setting up the number of scans, the speed and the angle of rotation.

All information is provided without guarantee and can be changed at any time.

scanXpert

www.scanxpert.eu
info@scanxpert.eu

scanXpert
3D SCANNERS

completely
reconfigured

accuracy from
0.025 to 0.08 mm

compact,
in a handy box

ScanXpert FX

inclusive
ScanXpert
scanning suite

PROFESSIONALISM, OUR CORE

Accurately manufactured in every detail, **ScanXpert FX** offers **high quality 3D Scans**. The design has been totally optimized to grant more consistence and stability and to bring a smooth and intuitive 3D Scanning workflow experience, to reach excellent targets in every professional field.

USB 3.0 connections with
Professional Cables

Ergonomic and sliding supports
for greater ease of use

Curved Support designed for better
toughness and reliability

CONCRETE BOOST
FOR YOUR BUSINESS

ScanXpert FX is designed for demanding users and companies that are looking for the highest level of performances to save time and resources.

Fast, accurate and concrete: ScanXpert FX drops down significantly the processing time, asserting itself as the solution for anyone who needs an innovative technologyin the perspective of their digital transformation.

SCANXPERT - SCANNING SUITE

With ScanXpert you have everything you need to start working straight away. The included software allows you to optimize your scans in many details. The **ScanXpert scanning suite** has a variety of post-processing tools that can make your scans look better than your original. You can also cut out scan areas and rework them perfectly using various filling and anti-aliasing functions.

The ScanXpert scanning suite enables export as stl, obj, ply files. You can also import existing STL files in order to post-process them with the powerful tools of the ScanXpert scanning suite.

Industrial cameras and optics with
high resolution sensors in Stereo Vision

Graduated bar on the backside of the support
to optimize the vision and to extend the Field of View

HD 450 Lumens Projector for enhanced
Brightness and Color definition

400   500

QUALITY OVER COMPROMISES

The features to be functional and reconfigurable make of **ScanXpert FX** a versatile machine that can be adapted for every application needed.

The entrusted product confirms the top quality brand, taking advantage of the chosen components and of the dedicated software, that maintain high performances and expectations.

ScanXpert -
scanning suite

Direct Alignment
automatically assembles all the scans together

Marker Alignment
automatically aligns the scans using marking points

Resilient scan mode
enhances the sharpness of the acquisition and reduces the noise

Mesh Defeature
erases unwanted geometrical features and fix the mesh in an instant

Smoothing
smoothes the surface selectively or completely

Cut and hole filling
elimination of unwanted surfaces , individual closing of holes

Catenate Meshes
merges two or more meshes to obtain a single and complete model

Texture Export
extracts the Colors in Atlas Map separately

Data measuraments
measures the distance between two points on the mesh and the values of surface and volume dimensions of the mode