

FinePrecision



The FinePrecision 3D scanner is perfect as a measuring tool for precision mechanics, especially in the area of quality control.

FinePrecision is also used in scanning implants, in prosthetics, as well as in the watchmaking and jewelry industry.

The precision of the scanner also allows it to be used to optimize the 3D printing process.

Operating system Windows 10 (64 - bitowy).

Hardware requirements:

CPU i7, 32 GB RAM, dysk SSD NVMe 480GB, Graphics Card nVidia GTX 970 or higher.

Functional features

Range width	120	[mm]
Range height	60	[mm]
Range depth	45	[mm]
Accuracy	6	[μm]
Measurement repeatability	3	[μm]
Scanning distance	186	[mm]
Scan resolution	28	[μm]
Points density	1 233	[pt/mm ²]
Minimum scan acquisition time	1	[s]
Operating temperature range	od 10°C do 30°C	[°C]

Design features

Number cameras	2	
Type of cameras	8,9	[Mpix]
Light source type	Blue LED	
Cooling type	active	
Computer connection	USB 3.0	
Power	12V DC/10A; 100 - 240V AC; 50/60Hz	

Physical features

Scanner weight	5,05	[kg]
Scanner dimensions	23,3 x 29,4 x 10,5	[cm]
Weight of the shipping kit	24	[kg]
Dimension of the transport box	75,2 x 39,4 x 23,8	[cm]