

eviXscan 3D FinePrecision



The eviXscan FinePrecision 3D scanner is an essential measuring tool for precision mechanics sectors. It is particularly beneficial in the manufacturing of turbine blades, microcircuits, and small injection parts, as well as in detailed numerically processed components. Its precision makes it invaluable in the medical field for scanning implants and prosthetics, and it is also used in the watchmaking and jewelry industries to capture intricate details.

Functional features

Range width	120	[mm]
Range height	60	[mm]
Range depth	45	[mm]
Accuracy* (Maximum Error)	0,007	[mm]
Scanning distance	186	[mm]
Scan resolution	0,028	[mm]
Points density	1233	[pt/mm ²]
Minimum scan acquisition time	1	[s]
Operating temperature range	from 10 to 30	[°C]
Operating humidity range (non-condensing)	10 to 80	[%]
Weight	5,05	[kg]
Dimensions (width/depth/heights)	230/294/105	[mm]

Design features

Software	Evixscan	
Number of cameras	2	
Camera resolution	9	[Mpix]
Light source type	Blue LED	
Cooling type	Active	
Computer connection	USB 3.1 gen 2 (10 Gb/s)	
Power	110-230V; 2,5A; 50/60Hz	

* Accuracy determined with the use of the standard DE VDI/VDE 2634, Part 2