

# eviXscan 3D Optima+ M scanner



## Optimal solution for 3D scanning

The eviXscan 3D Optima+ M scanner is the solution that optimally combines key user parameters: high measurement accuracy (up to 0.009 mm), high density of points (117 pt/mm<sup>2</sup>) and a wide measurement range (320mm x 190mm x 120mm) with an extremely attractive purchase price and implementation of a complete system.

Optima+ M is a universal measuring device designed to scan objects from 7 cm to 1 m. The scanner was designed for use in automated robotic systems due to its lightweight design and easy configuration. It can also be successfully used in reverse engineering, non-contact quality control or rapid prototyping.

The scanner is supported by an entire portfolio of accessories (including rotary table, set of markers and artifacts or calibration board).

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## Key features

- optimal scanning range – details from 7 cm to 1m,
- high accuracy,
- short scan acquisition time,
- ease integration with robots and cobots,
- excellent value for money.



## Parametry techniczne

Measuring range	370 x 265 x 150 mm	Software	eviXscan 3D Suite
Points density	117 pt/mm <sup>2</sup>	Export formats	stl, ply, obj, asc, bin
Scanning accuracy	0,009 mm*	Operational system	Windows 10 (64 - bit)
Scanning time	1,2 sekundy	Computer connection	USB 3.0
Light source	Blue LED	Hardware requirements	CPU i5, 16 GB RAM, SSD disc, DirectX graphic card
Number and type of cameras	2 x 7 Mpix		

\*VDI/VDE 2634, part.2, parameter PS

## eviXscan 3D Optima+ M scanner is the optimal solution for automated quality control

Universal scanning range makes quality control, even for objects of different sizes, possible with only one scanner. The modern optics used in the Optima+ M model ensure the highest quality of the extracted scans, while maintaining a short scan time. In addition, thanks to the light, the scanner can be integrated with robots with a load capacity of 5 kg, which are characterized by a lower price and greater availability.



## A rich set of accessories



The standard kit includes eviXscan 3D Suite 2.7 software, a 20 kg rotary table, a set of artifacts (8pcs.), a set of 20 mm (1000 pcs.) markers, a calibration pad, a tripod, an A3 calibration board, a transport box.