



3D Scanner integrated with Geomagic Studio software

Complex solution for creating precise and accurate CAD models by using 3D scanner:

- Fully automatic creation of parametric surfaces (NURBS),
- Advance point cloud editing,
- Short time of data processing.

Custom fit configuration of measurement volume size together with automated cloud merging based on markers for bigger objects or rotation table ensures easy measurement for object of any size.

This revolutionary system was created with full integration of measurement and data post processing in mind, so you can start your reverse engineering from the first minutes from purchase. No need for calibration process saves your time and shortens the learning curve. Now you can create parametric models straight from scanned objects in no time. Close cover, ISA system and professional transport cases enables full mobility for Scan3D Surface system.

SCAN3D qualify



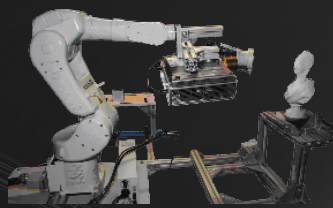
3D Scanner integrated with Geomagic Qualify software

Complex solution for quality control and inspection:

- Compare your 3D object model with CAD model,
- Create 2D sections and check dimensions of your model,
- Inspection of geometric tolerance,
- Generating automatic 3D PDF reports.

High density of measuring surface (to 330 points/mm²) and precise measure (precise to 30µm) ensure enrolling any inspection needed for you or your demanding customer. Using the highest class inspection software - Geomagic Qualify - allows you automated report generation and control dimension in specified tolerance (pass/fail). For demanding customers who are willing to be additionally assured of stated accuracy of scanning head the system can be certified by external accredited measurement laboratory according to VDI/VDE 2634.

Additional accessories:



Measuring robot



Automatic rotation table

Technical specification	SCAN3D BLUE	SCAN3D surface	SCAN3D qualify
Scanning technology	Narrow-band structural blue LED light	Structural White light	Structural White light
Detector resolution	10; 5; 2 Mpix	10; 5; 2 Mpix	10; 5; 2 Mpix
Measuring field [mm ²]	150x200 - 1200x1600	150x200 - 1200x1600	150x200 - 1200x1600
Distance between points[mm]	0,04 - 0,40	0,04 - 0,40	0,04 - 0,40
Sampling rate [points/mm ²]	5 - 330	5 - 330	5 - 330
Number of points from one scan [points]	2 - 10 millions	2 - 10 millions	2 - 10 millions
Integration with Geomagic Studio	+	+	+
Integration with Geomagic Qualify	+	+	+
Tripod	+	+	+
Texture scanning	-	+	option
Mobile work station	+	option	option

Local distributor:

