

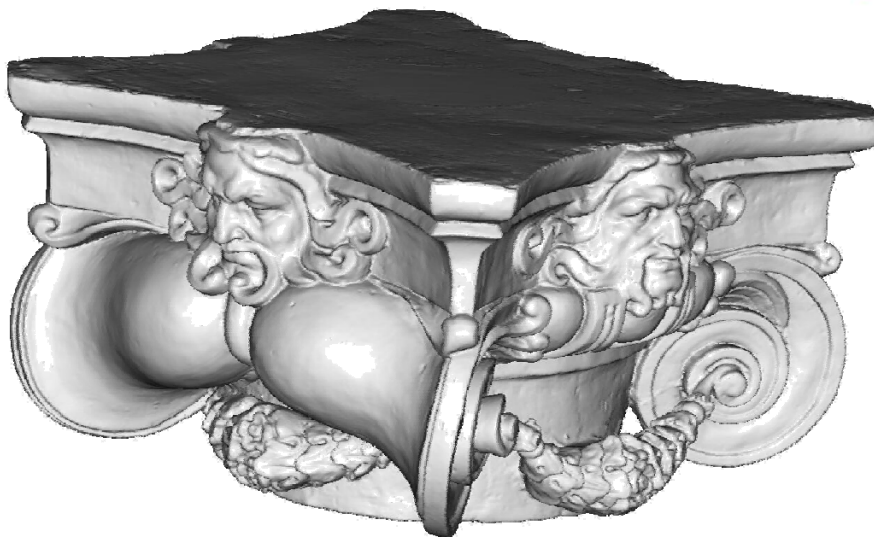
Scantech SL 3D Scanner

Portable Structured White Light Scanner



Preserving the past for the future
Restoration of historical buildings and statues

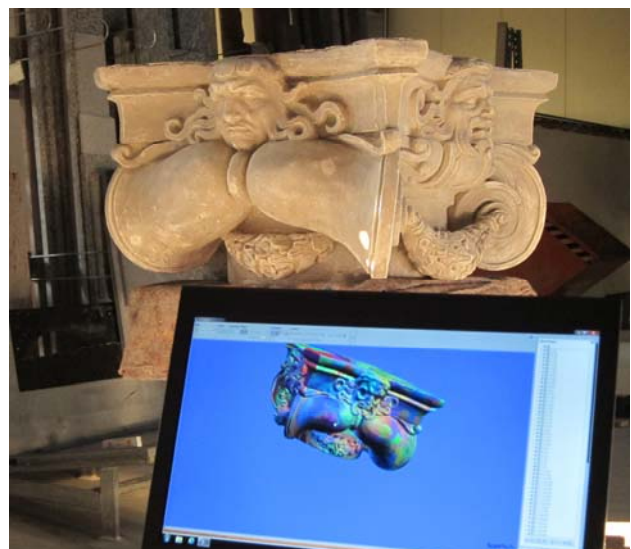
Contemporary art
From plaster model to stone



Size 1 x 1 x 0,5 meter

A complete package
3D Scans are directly mill able in CAM systems like CARSO 5X or Carso Lathe from Scantech.

Courtesy of Schulz Naturstein GmbH, Berlin



simple, reliable, value!



The Scantech SL 3D Scanner can be configured to different field of view, and corresponding level of details and accuracy. For large objects with few details a large field of view, and for smaller objects, or for filling in finer details on a large object, a smaller field of view can be configured. Changing field of view requires a simple calibration by the operator.

Precise alignment of scans in an intuitive, simple and fast way. Automatic fusion of scans into one 360 degree model. The final result is a watertight and smooth triangle mesh, with fewest possible triangles, that exports to the popular formats *.STL, *.OBJ or *.PLY



Calibration plate with 35 x 35 mm pattern



Specifications

Principle of operation	Structured White Light
Light source	DLP projector with 230 W halogen lamp
Sensor weight	5 Kg
Power	100-230VAC, 50-60Hz, 400 W
Operation temperature	10C to 35C
Camera	2 x 1.3 MP
Ambient Lighting Condition	less than 100 lux
Points per scan	~ 1 million
Acquisition time	8 Sec
Computer requirement	Windows 7 x64, 6 GB, NVIDEA, 3 x USB 2.0, HDMI
Data output	*.STL, *.OBJ, *.PLY

4 different calibration plates included

Calibration plate	10 x 10 mm	17 x 17 mm	35 x 35 mm	60 x 60 mm
Measuring area	150 x 112 mm	255 x 190 mm	520 x 420 mm	900 x 720 mm
Point spacing	0.12 mm	0.2 mm	0.4 mm	0.7 mm
Accuracy	0.1 mm	0.15 mm	0.2 mm	0.35 mm

Included

- Scantech SL 3D Scanner head
- Calibration plates with 10 x 10, 17 x 17, 35 x 35 and 60 x 60 mm pattern
- Software for Calibration, Scan, Join, Reduction and Data export
- Tripod with geared Manfrotto Pan/Tilt head
- Tripod for Calibration plate
- Flight case for Scanner head
- Flight case for Calibration plate
- Pre-installed powerful Notebook computer with Window 8

Option

Jib with servo pan/tilt head.



Scanner 3D: SCAN technology

Scantech

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