



3D COLOUR SCANNING

3D laser scanner model MAX - AD230
with patented system

MAX
Version

SCANNY3D®

Sistemi di scansione laser 3D
3D laser scanning systems

*3D Laser Scanner
rotating
100% automatic*

FEATURES:

- Completely automatic scanning
- Affordable price
- It doesn't need maintenance work
- Small dimensions and low weight
- Easy to use, even by unskilled users
- Automatic calibration process
- USB connection to a common PC
- Contemporary acquisition of shape and color (optional) to perform an high faithful colour 3D model
- Specific software plug-ins, depending on the application field
- Adaptable to customer's needs

APPLICATIONS:

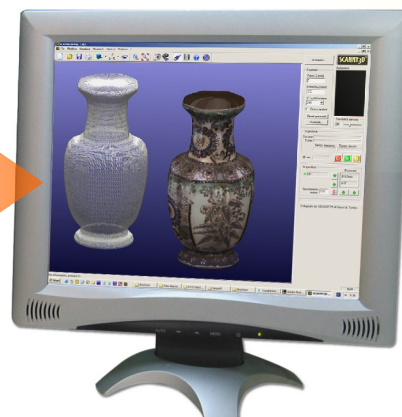
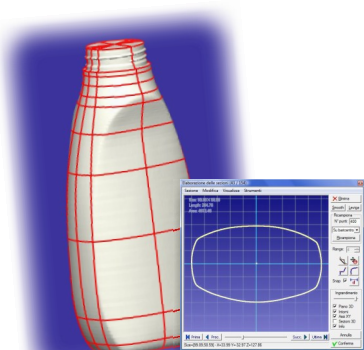
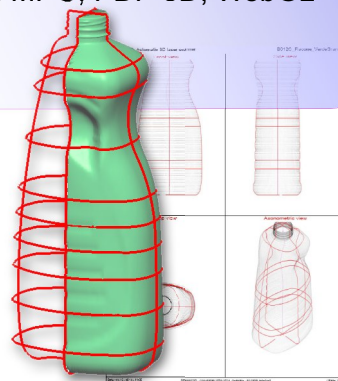
- Reverse engineering (CAD-CAM)
- Quality control (by sample)
- Packaging (bottles, vessels, containers of any material and shape)
- Footwear (lasts, boots, orthopedic shoes)
- Archaeology (scanning of statues, amphorae)
- Graphic computer modelling
- Technical moulds modelling
- 3D web catalogues

TECHNICAL FEATURES

Scannig volume:	Cylindrical: max. 300 mm (Diameter) X 500 mm (Height)
Accuracy:	100 micron (up to 50 micron, on demand)
Scanning step:	Selectable zone: from 0.1 mm to 10 mm
Max weight on plate:	15 Kg
Scanning method:	Rotating 360°, double spot laser and color camera
Scanning speed:	Revolving plate speed 5-12rpm, max 60 punti/sec
Power absorbed:	50 W operating, external power pack 110-240v 19v 3A
PC interface:	USB vers. 2.0
External dimensions:	490 (Width) X 380 (Depth) X 706 (Height) mm
Weight:	16 Kg
Options:	COLOR: 3D color scanning with high definition texture

OUTPUT FORMAT:

- Vector (3D): DXF, STL, ASC, IGS, STEP
- Color 3D (texture): 3DM, VRML, OBJ, PLY
- 3D animation: AVI, MPG, PDF-3D, WebGL



Main software features

- Scaling, rotation and automatic alignment of the acquired 3D model
- Interactive measurement of distances, areas and volumes
- Cutting of the acquired model
- Interactive curve drawing upon the 3D model's surface
- 3D quality control
- Customized printing function

Produced by:

SCANNY3D® s.r.l.

3D laser scanning systems

Head office: Via Archetti - z. artigianale, n. 15 - 63831 Rapagnano (FM) - Italy
Legal address: Via Colle da sole, 37 - 63814 Torre San Patrizio (FM) - Italy
Phone/Fax: 0734.510410 - email: info@scanny3d.com