WWW.SCANNY3D.COM

SCANNY3D®

Sistemi di scansione laser 3D
3D laser scanning systems

3D laser scanner model BASE - AD220
with patented system

The new 3D laser scanner in desktop version affordable for all !

FEATURES:

- Affordable price
- It does not need maintenance work
- Small Dimensions and Low Weight
- Easy to use, even by unskilled users
- Completely automatic scanning
- Scanning Preview
- Automatic Calibration Process
- Customising according to the needs of customers
- Versions of the device with different scanning volumes
- Easy Connection to a common PC via USB (special hardware is not required)
- Contemporary Acquisition of shape and colour (option) to perform an high fidelity colour 3D model
- The software issued can be interfaced to common CAD-CAM systems

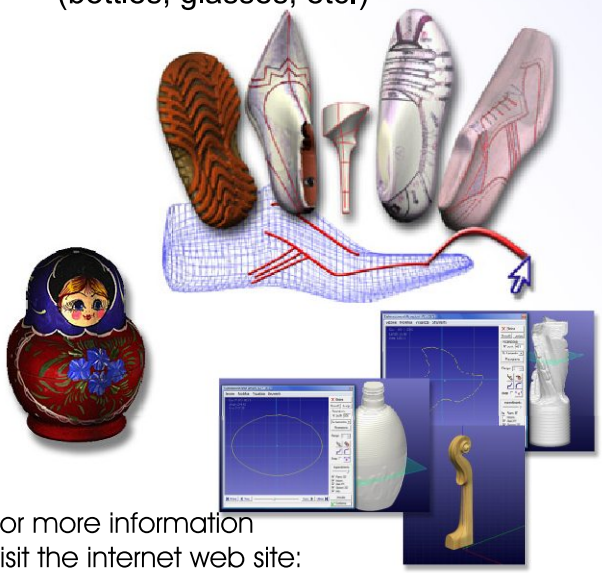
OUTPUT FORMATS:

- Vector (3D): DXF, STL, ASC, IGS, STEP
- Raster (2D): BMP, JPEG
- 3D color (texture): 3DM, VRML, OBJ, PLY
- 3D animation: AVI, MPG, PDF-3D, WebGL

APPLICATIONS:

- Reverse engineering (CAD-CAM)
- Quality Control (by sample)
- Rapid Prototyping
- Footwear (digitizing of lasts, soles, heels, complete shoes, etc.)
- Graphic Computer Modelling
- 3D web catalogues
- Technical Moulds Modelling
- Archaeology (statue and amphorae scanning)
- Modeling and moulds for plastic materials (bottles, glasses, etc.)

Compact and tidy designed
SCANNY3D is an irreplaceable
device for your PC!



For more information
visit the internet web site:
http://www.scanny3d.com

Produced by:

SCANNY3D® s.r.l.
3D laser scanning systems
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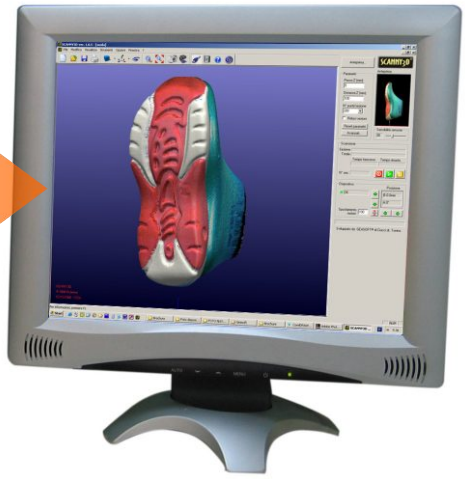
Legal address: Via Colle da sole, 37 - 63814 Torre San Patrizio (FM)
Phone/Fax: 0734.510410 - email: info@scanny3d.com

TECHNICAL FEATURES

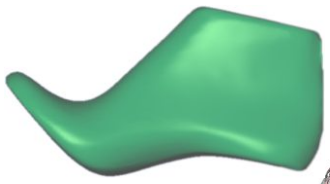
Scanning volume:	Cylindrical – 200 mm (Diameter) X 350 mm (Height)
Accuracy:	0.05 mm
Max weight on the plate:	10 Kg
Scanning method:	Patented system based on a colour video camera and double spot laser
Scanning speed:	Revolving plate speed: 5-12 rpm; Head movement speed: 60mm/sec.
Power absorbed:	25 W operating, 2 W in stand-by; power supply 19v 2A
PC interface:	USB version 2.0
External dimensions:	400 (Width) X 280 (Depth) X 526 (Height) mm
Weight:	16 Kg
Accessories provided:	CE Power supply 110-240v, Cables, User guide, CD-ROM with software, Special
	support for lasts, No 3 different support for different objects, Model for auto
	calibration, Special spray paint for transparent objects.
Options:	
	COLOR: Module for 3D color scanning in high definition (*texture mapping*)
	HI-RES: Module for double accuracy laser measures

3D scanning process

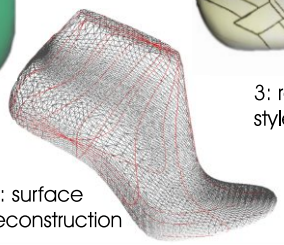


Main software functions:
- preview for a fast definition of the scanning parameters
- scaling and editing of the 3D models acquired
- interactive measurement of distances, areas and volumes
- subdivision of the acquired model
- drawing curves on the 3D virtual model's surface

Specific functions aimed to footwear:
- Automatic recognition of the profiles of a last
- Acquisition of the style lines drawn on a last
- Automatic joint at both ends of the 3D model, tip and heel



1: scanning process



2: surface reconstruction

3: recognition of the style lines

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Authorized retailer: