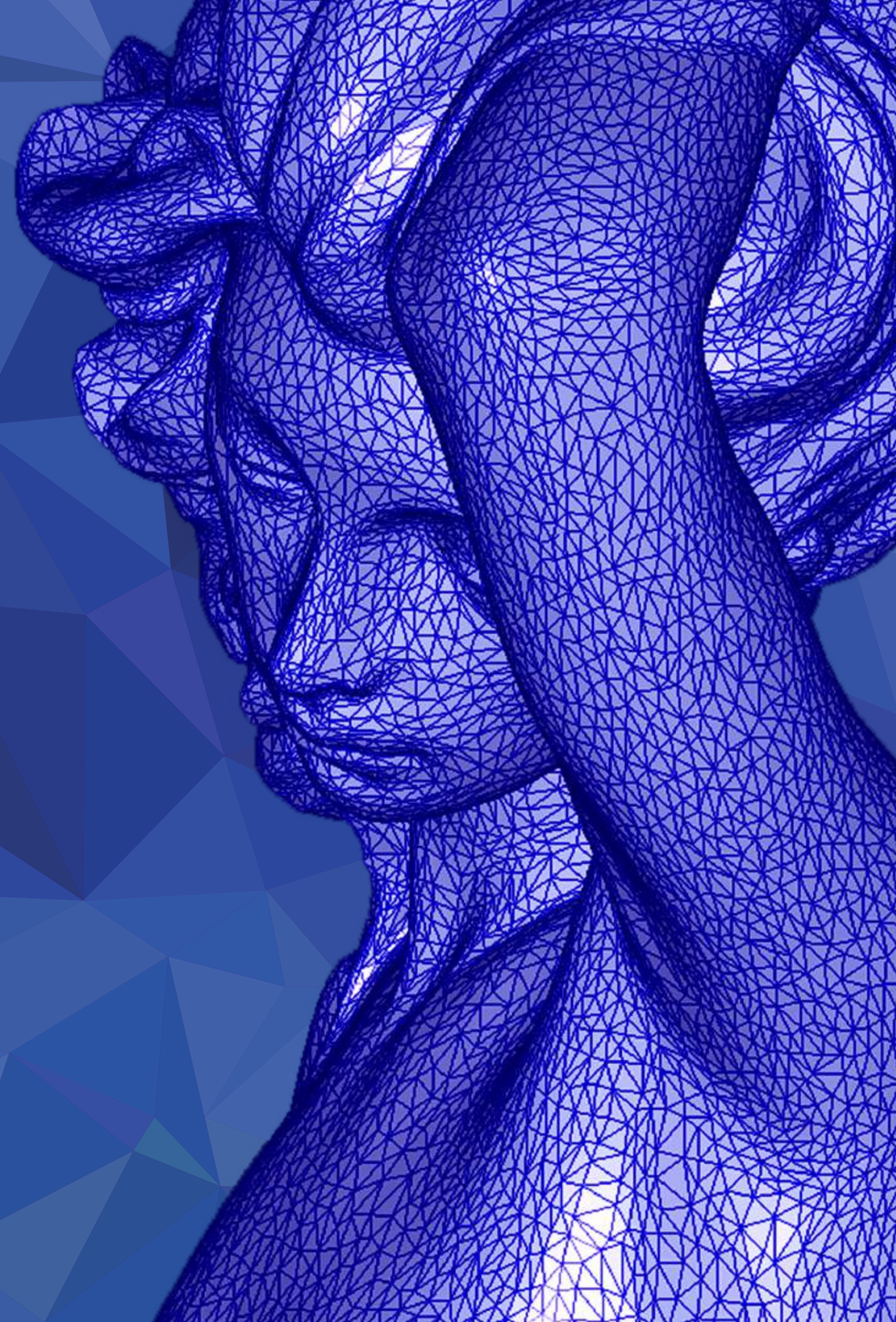
SCANNY3D®

3d laser scanning systems



SUMMARY OF PRODUCTS

SCANNY3D

Rotating double spot laser 3D scanners (360 degrees)

The new automatic 3D laser scanner in desktop version!

Simple to use, light and economical, offers a solution within everyone's reach!

*Available in the **BASE** and **MAX** versions:*

BASE

Scanning volume: 200 mm (diam.) X 350 mm (h.)
External size: 400 mm X 280 mm X 526 mm
Accuracy: 0.05 mm; options: COLOR, HI-SPEED

MAX

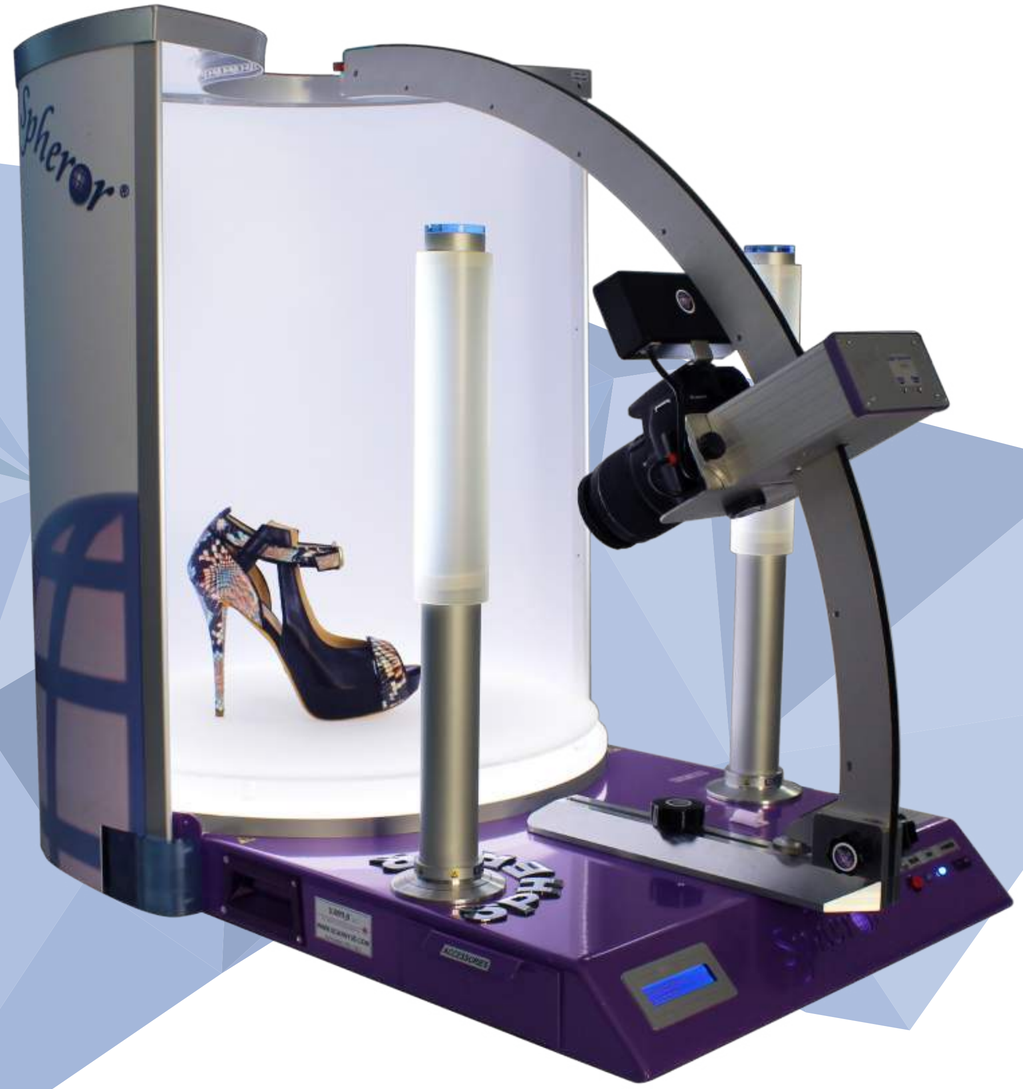
Scanning volume: 300 mm (diam.) X 500 mm (h.)
External size: 490 mm X 380 mm X 706 mm
Accuracy: 0.1 mm; options: COLOR, HI-SPEED

APPLICATIONS

SHOES BOOTS BOTTLES STATUETTES TABLEWARE OBJECTS

Spheror®

Automatic 3D photo set STILL LIFE



Innovative 3D photographic studio totally automated and entirely "Made in Italy", produced and distributed all over the world starting from 2009.

Perfect solution for producing professional images without having a specific knowledge of photography.

Available in different versions to meet any need!

TECHNICAL SPECIFICATIONS:

Volume: 500 (diam.) X 700 (h.) mm

External size: 450 mm X 800 mm X 700 mm.

Utilization: creation of catalogues, interactive 3D videos and presentations, generation of photo and video in stereo vision (3D).

APPLICATIONS

HI-TECH

JEWELRY

GLASSES

SHOES

PARFUMS

TOYS

BAGS

WATCHES

ExpLine

Rotating double line-laser 3D scanner (ultra fast)

New ultra-fast dual-blade laser 3D scanner for non-contact, high-speed and fully automatic 360 ° scanning that simultaneously captures both the shape and colors (optional) of the object and returns a very high resolution 3D model.
The Expline scanner is especially dedicated to the mechanics sector because it allows you to scan objects with very complex geometries.
The device is extremely compact and economical. It does not require maintenance and the calibration procedure is automatic.
Scanning is fast and fully automatic.

TECHNICAL SPECIFICATIONS:

Scanning volume: 300 mm (diam.) X 500 mm (h).
External size: 490 mm X 380 X 706 mm.
Accuracy: 0.05 mm; options: COLOR, HI-SPEED.

APPLICATIONS:

BOTTLES FOOTWEAR MECHANICS AMPHORE STATUES

Tracer

Automatic 2D contour digitizing system

8060

Scanning area: 800 mm (w.) X 600 mm (d.).
Accuracy: 0.15 mm, material thickness up to 20 mm.
External size: 880 mm X 670 mm X 700 mm.

COMPACT

Scanning area: 600 mm (w.) X 400 mm (d.).
Accuracy: 0.1 mm, material thickness up to 20 mm.
External size: 680 mm X 465 mm X 630 mm.

Applications: skin, leather, footwear compounds, punches, 2D pieces, paper drawings, etc.

MINI

Scanning area: 200 mm (w.) X 150 mm (d.).
Accuracy: <0.02 mm
External size: 400 mm X 280 mm X 530 mm.

Applications: digitization (even in backlight) of profiles, gaskets, 2D cutters, etc.
Measurament of areas, perimeters, distances, etc.
Quality control.

Vertical 3D laser scanning (Z direction)

Device dedicated to 3D scanning of surfaces and reliefs.
Simple to use and equipped with an automatic procedure calibration.
Attached software compatible with the most common CAD-CAM systems.

It also offers the possibility of connecting multiple TOWER units together for scans of fixed objects or anatomical parts!

TECHNICAL SPECIFICATIONS:

Scanning volume: 600 mm (diam.) X 900-1900 mm (h.)
External size: 180 mm X 240 mm X 1100 mm
Accuracy: up to 0.3 mm
Options: rotating plate (360 degrees)

APPLICATIONS

STATUES RELIEFS SCULPTURES ANATOMICAL PARTS

Pack-Sim

Advanced simulator for packaging and bottling

PACK-SIM, is an innovative software plug-in with many functions for the fast and fully automatic design of SCREWS and COUNTER-SCREWS, and also for the realization of STAR-WHEEL profiles to be inserted in the machinery of the filling, labeling and packaging.

The software allows the creation of screws and counter-screws 3D of any type (transport, turning, grouping, inversion, singularization, etc.) for bottles, glass bottles and containers of any shape and size.

The designed screws and counter-screws can be exported in 3D with the guarantee of full compatibility with all major software CAD-CAM.

The Pack-Sim software can be used as a plug-in for the 3D scanner rotary and integrates the many functions present in it, so to provide a complete, automatic and versatile solution.

Steel

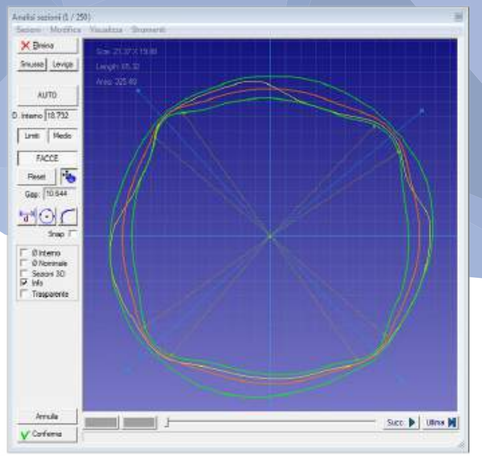
Rotary 3D scanner dedicated to PRECISION MECHANICS

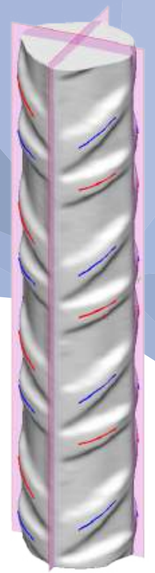
Patented device (100% "Made in Italy") that performs a 360 ° scanning without contact, at high speed and with centesimal precision (up to 0.01 mm), completely AUTOMATIC and without the need for specialized personnel.

STEEL TEST

Software for calculating the adhesion index

The associated STEEL TEST software plug-in the scanning device allows the AUTOMATIC calculation of the index of adhesion on steel rods according to the UNI EN ISO 15630-1 standard, through a procedure that identifies automatically the faces of the round e recognizes all types of ribs present, viewing them in section. The software also allows creation of a customized report and printing of the certificate of the adherence index.





MEDICAL APPLICATIONS

SCAN BODY 3D
Fast volumetric analyzer

The **SCANBODY3D** tool is a combined system by three 3D laser scanning units (Tower) capable of automatically and in a few seconds full 3D scan of the human body and return an accurate 3D model useful for evaluation purposes volumetric and anthropometric measurements of various parts of the human body.

PodoFlash® 2.0

The **PODOFLASH** instrument is an electronic podoscope automatic that allows you to obtain photos, contours, plantar impressions and foot measurements in a few seconds.

Fundamental tool for the diagnosis of structural and / or functional anomalies of the foot and for the design of orthotic solutions for the correction of any pathologies.

foot Flash® 3D

The **FOOTFLASH-3D** tool is a 3D laser scanner automatic which allows you to get in seconds the 3D model of the foot, the plantar imprint and all anthropometric measurements of the foot.

Fundamental tool for the diagnosis of structural and / or functional anomalies of the foot and for it study and design of custom-made footwear eorthopedic.

CONTACTS

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