

Steel

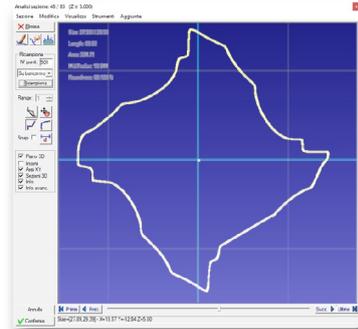
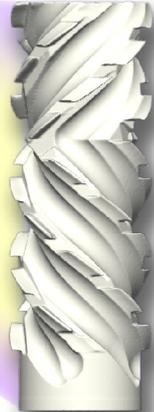
Rotating 3D scanner dedicated to PRECISION MECHANICS

SCANNY3D®

Sistemi di scansione laser 3D
3D laser scanning systems



Patented device (100% "Made in Italy") which performs a non-contact 360 degree scanning, at high speed and with centesimal accuracy (up to 0.01 mm), completely AUTOMATIC and without the need for specialized staff.



Model:	AD220/S	AD230/S
Scanning volume (Ø x H):	50 x 350 mm	100 x 500 mm
Accuracy :	< 10 micron (up to Ø 20 mm)	< 10 micron (up to Ø 50 mm)
Max measurable diameter:	up to Ø 50 mm	up to Ø 100 mm
Scanning method :	360° rotating 3D laser scanner, with double spot laser	360° rotating 3D laser scanner, with double spot laser
Typical scanning speed:	5-7 sec. / section	5-7 sec. / section
External dimensions (W x D x H):	400 x 280 x 526 mm	490 x 380 x 706 mm
Weight :	14 Kg	16 Kg
Max weight on plate :	5 Kg	10 Kg
PC interface :	USB 2.0/3.0	USB 2.0/3.0
Power absorbed :	25 W (operating) – 2 W in stand-by	30 W (operating) – 2 W in stand -by
Power supply :	110 – 240V 19V 3A	110 – 240V 19V 2A
Supplied accessories :	CE power supply 110 –240V, USB cable Support with spindle (Ø 20mm) Calibration check bars	CE power supply 110 –240V, USB cable Support with spindle (Ø 50mm) Calibration check bars

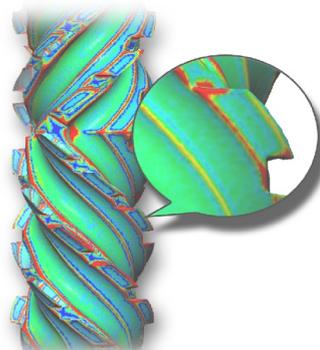
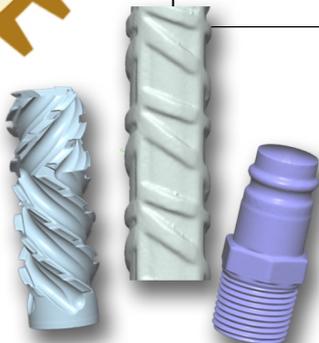
APPLICATIONS IN MECHANICS:

- TOOLS: device particularly suitable for quality control on tools (milling cutters, mechanics bits, etc.); it allows to evaluate wear and to make a 3D quality control with a reference model.

- STEEL REINFORCING BARS: *innovative* solution for the calculation of the relative rib area of steel reinforcing bars through the integration with a plug-in software (*Steel-test*).

- SMALL MECHANICAL PARTS: Quality control on small mechanical parts (turning inserts, gears, bolts, etc.). The numerous functions contained in the software allows to align automatically the 3D model, to vectorize any lines or reliefs on the surface, to recognize any edges and more.

3D scanning of small mechanical parts



Produced by:

SCANNY3D® s.r.l.
3D laser scanning systems

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