

NOVA

3D modeling expert
3D original scanner equipment

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NOVA-15 Max

**Industrial-grade
entry-level
high-precision scanning**

Accurately Restore Every Detail

**Intelligent algorithm
optimization**

Easily Handle Complex
Structures

Truly portable

Capture 3D Data from
Anywhere



Performing in the sea of measurement, flying beyond imagination

Technical Specifications

MODEL	NOVA-15 MAX
Depth of Field	≥300mm
Scanning Mode	Handheld multi-line rapid scanning, handheld laser deep hole scanning
Light Source	30 beam crossed laser lines + 7 fine scanning parallel lines + single laser line
Laser Type	class II (eye-safe)
Scanning Speed	≥1,650,000measurements/second
Scanning Range	100mm-4000mm
Scanning Method	Laser scanning (safe laser)
Scanning Accuracy	0.03 mm
Volume Accuracy	0.03+0.06mm/m, highest accuracy 0.03
Transmission Method	USB3.2
Operating Temperature	0°C——40°C (non-cold temperature)
Operating Humidity	10-90%
Baseline Distance	≥300 mm
Output Data	ply, obj, vtk, stl, off, ma, txt, asc, neu, xyz, scv, pn, pv, pov, etc., customizable
Compatible Software	Geomagic, PolyWorks, CATIA V5, SolidWorks, Pro/ENGINEER, SolidEdge, 3ds Max, Maya, and other 3D software

