DeepSpec3D

NOVA

3D modeling expert
3D original scanner equipment

NOVA-15



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
Scanning Function	The scanning results can be edited, saved and reused. It has functions such as mesh repair, manual patching, simplification, and supports the import and editing of third - party STL data for repair.
Scanning Mode	High - speed scanning, large - format scanning, deep - hole scanning, fine scanning
Light Source	15 fast blue parallel lines + 7 fine scanning parallel lines + single laser line
Scanning Accuracy	**0.02 mm**
Scanning Speed	Not less than 1,080,000 measurements per second
Scanning Range	Maximum 400 mm x 400 mm
Scanning Method	Laser scanning (safe laser)
Laser Class	class II (Eye - safe)
Volumetric Accuracy	**0.020mm±0.035mm/m**
Stand-off Distance	300 mm
Depth of Field	620 mm
Transmission Method	Conventional USB 3.0 interface, no other types of interfaces are required, and the transmission bandwidth is not less than 10Gbps
Working Environment	Temperature: - 20℃ - 40℃, humidity: 10 - 90%, can work in outdoor environments such as daylight or natural light
Dimensions	241mm x 128mm x 480mm
Weight	880g
Output Data	.ply,.obj,.vtk,.stl,.off,.ma,.txt,.asc,.neu,.xyz,.scv,.pn,.pv,.pov..... Customizable

