AUTOMATIC DESKTOP 3D SCANNER

AutoScan Inspec2

Automatic Desktop 3D Scanner for Small Parts

ONE CLICK FROM PART TO INSPECTION REPORT

A desktop blue light scanner for small, complex parts. A 3-axis turntable turns the part through every angle on its own, dual 5 MP cameras capture fine detail at 0.01 mm accuracy, and SHINING3D Inspect takes the data straight to GD&T results and a report.



0.01 mm	2 × 5 MP	5 kg
ACCURACY	CAMERAS	WEIGHT

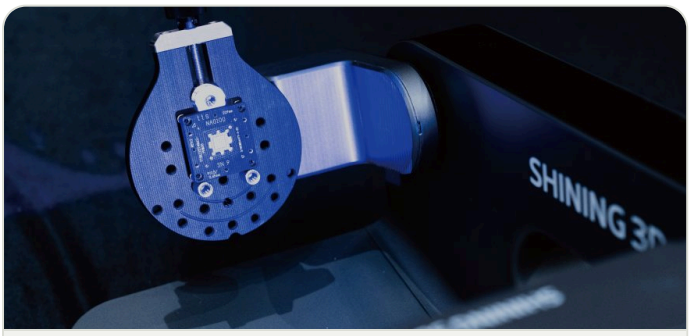
Metrology-Grade Accuracy · Automatic & Efficient · Ultra-Fine Details · Full Color Scanning · Advanced Software · Compact & Lightweight



A machined aluminum part clamped on the Inspec2 turntable. Small, complex parts like this are what the 0.01 mm accuracy is for.

Metrology-Grade Accuracy

With 0.01 mm scan accuracy, the Inspec2 gives consistent, reliable results on complex small objects, run after run.



A small electronic part in the fixture plate of the 3-axis turntable, which tilts and rotates it through every angle without the operator.

Automatic & Efficient

The 3-axis turntable scans hands-free from multiple angles. One click starts the run and the data comes back complete.



The Inspec2 beside the laptop showing its scan of a small molded housing, with lettering and edges intact.

Ultra-Fine Details

Dual 5 MP high-resolution cameras capture every detail of the part, down to small text, ribs and edges.



A filigree ring with blue and green enamel, the multi-color surface detail that full color scanning reproduces.

Full Color Scanning

True-to-life color capture gives accurate texture for inspection, documentation and digital modeling.



UltraScan software with a finished scan on screen. AI scanning algorithms keep the operator's job to a few clicks.

Advanced Software

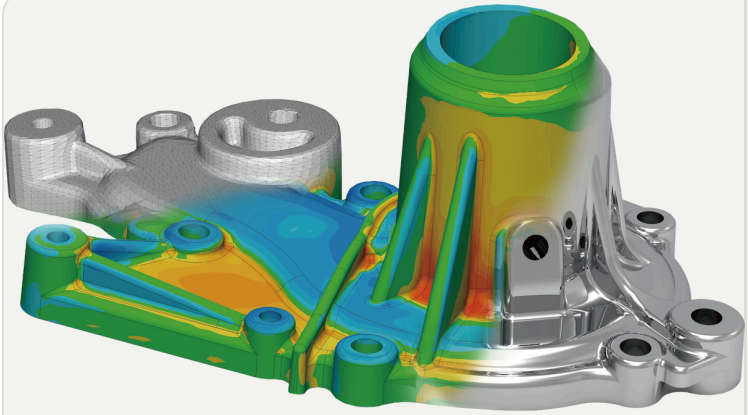
UltraScan software uses AI scanning algorithms for effortless operation. Data works in SHINING3D Inspect, Geomagic Control X and Design X, PolyWorks and EXModel.



Side view of the Inspec2. At 420 × 260 × 270 mm it fits on a lab bench or a workshop desk.

Compact & Lightweight

At only 5 kg, the streamlined, space-saving design fits into labs, workshops and industrial settings.

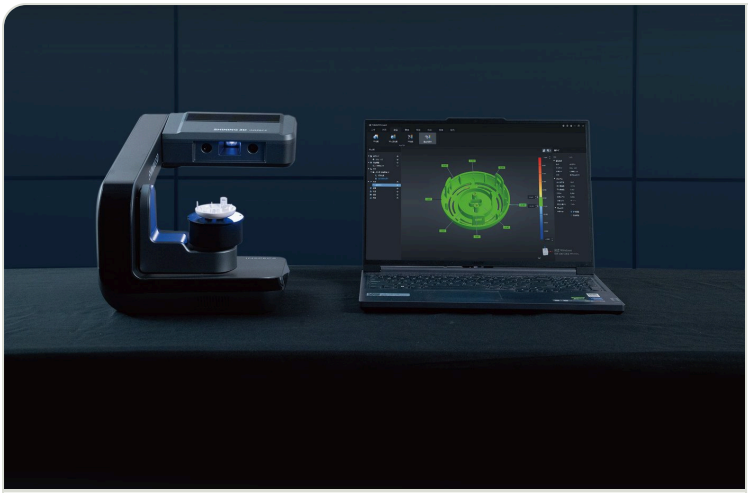


SHINING3D Inspect comparison of a scanned cast housing against CAD. Colors show where the part deviates and by how much.

SHINING3D Inspect, PTB Certified

SHINING3D Inspect holds dual PTB accuracy certification for Gaussian and Chebyshev length measurement. With it, the Inspec2 runs one workflow from scan to dimensional analysis, GD&T and report.

Key tools: multi-format import, multi alignment, 2D and 3D comparison, cross sections, feature recognition, GD&T evaluation, 2D dimensions, measurement tools and custom reports.



The Inspec2 scanning a small part while the laptop shows the finished inspection, the whole loop on one desk.

From Scan to Inspection Report

GD&T inspection. Diameter, position, orientation, distances and angles.

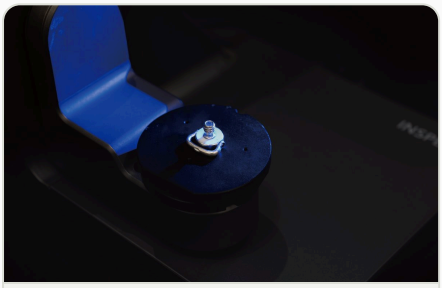
3D mesh inspection. Full-field 3D and 2D comparison.

Auto Inspect. Batch scan-to-inspection for high-volume QC.

Custom reports. Templates for standardized reporting.

Versatile Applications

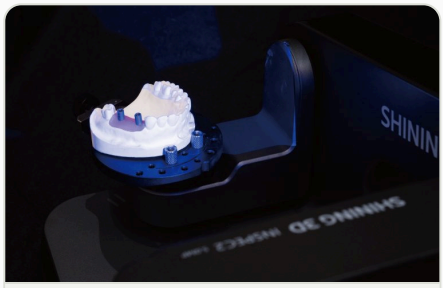
The Inspec2 serves quality control, reverse engineering and product design, and small detailed objects well beyond the machine shop.



Jewelry: a small ring on the turntable, with fine settings and engraving captured.



Heritage preservation: a carved figurine digitized without handling between angles.



Healthcare: a dental model with implant posts scanned for precise fit.

Specifications

Specification	AutoScan Inspec2
Accuracy	0.01 mm
Field of view	140 × 90 × 80 mm
Point distance	0.05 mm
Align mode	Feature, Markers
Rotation axis	3 axis
Camera resolution	2 × 5 MP
Light source	LED blue light
Color scan	Supported
Dimensions	420 × 260 × 270 mm
Weight	5 kg
Power	DC 24 V
Working temperature	0 – 40 °C
Operating system	Windows 10 / Windows 11 (64-bit)
Output formats	STL, OBJ, PLY
Certifications	CE, FCC, RoHS, WEEE, KC

CE FCC ROHS WEEE KC

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