

Industrial 3D Scanner for CNC Integration

This industrial 3D scanner integrates with CNC machines for reverse engineering and quality control. It utilizes optical technology and is compatible with Geomagic software for data processing and CNC machining workflows.



Overview

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This industrial-grade 3D scanner is designed for seamless integration with CNC machines, making it an essential tool for styling, design, and analysis. It excels in applications ranging from reverse engineering and technical drawings to mold design and custom part creation. Featuring advanced auto-splicing and global error correction, it ensures high-precision data capture even for complex geometries like cavities and grooves.

Performance Metrics

Scan Speed

1.3 s/f

Scan Speed

Feature Accuracy

0.02 mm

Technical Specifications

Sensor Origin

German

Single Scan Range

360*240 (adjustable)

Operating Distance

350--1200

Resolution

1280*1024

Scannable Object Size

50mm-2000mm

Compatibility & Software

Compatible Software

- AutoCAD
- Geomagic Studio
- Rapid Form
- ImageWare
- POWERMILL
- MASTERCAM
- UG
- PRO/E
- SOLIDWORKS
- COPYCAD
- POLYWORKS
- ARTCAM

Supported Data Formats

STL, PLY, ASC, IGS, OBJ, AC

Hardware & Environment

Physical Dimensions & Weight

Attribute	Value
Weight	7.5 KG
Dimensions (mm)	L380*W260*H110

System Requirements

- USB 2.0 (at least 2 ports)
- Windows XP/7 (32b & 64b)