

# 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

### Industrial 3D Scanner for CNC Integration

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)