

Technical Parameter

Type	AutoScan-T22	
Scan mode	Standard mode R	Hyperfine mode B
Laser source	7 red laser crosses (+ 1 extra red laser line)	7 blue parallel laser lines
Deep hole scanning	Support	
Hyperfine scanning	Support	
Accuracy	0.030 mm	
Measurement rate	480,000 measurements/s	
Scanning area	275 x 250 mm	
Laser class	CLASS II (eye-safe)	
Resolution	0.050 mm	0.020 mm
Volumetric accuracy	9.1m ³	0.064 mm
	16.6m ³	0.078 mm
Volumetric accuracy (With MSCAN-L15 photogrammetry system)	0.015 mm/m	
Part size range (recommended)	200~6000 mm	
Stand-off distance	300 mm	
Depth of field	260 mm	180 mm
Output formats	.stl, .ply, .obj, .igs, .stp, .wrl, .xyz, .dae, .fbx, .ma, .asc or customized	
Operating temperature range	5~40 °C	
Interface mode	USB 3.0	
Patents	CN106500627, CN106500628, CN206132003U, CN204854633U, CN204944431U, CN204902788U, CN105068384, CN105049664, CN204963812U, CN204902785U, CN106403845, US10309770B2	

SCANTECH™

AUTOSCAN 3D System

Unmanned Automatic 3D Inspection Solution



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AUTOSCAN

E-Track optical tracker can timely recognize the spatial position of the scanner and precisely inspect the object.

Intelligent on-line inspection liberates manpower thoroughly and generates easy-to-understand inspection report automatically.

By precisely synchronizing object movement and scanner movement, AutoScan-T22 realizes incredible data acquisition.

One-click start and offline programming realize 24/7 automated batch 3D inspection.

AutoScan-T22 has strong anti-interference to guarantee accurate 3D inspection under complex workshop conditions.

AutoScan-T22 automated 3D inspection system takes scanning speed and numerous data-processing to the next level. With high accuracy and strong reliability, automated 3D system greatly simplifies workflows and optimizes production cycle.

Working with industrial robot for intelligent online quality control inspection, AutoScan-T22 achieves no human intervention and automatically completes batch inspection, avoiding the mistakes made by human factors and generating easy-to-understand inspection reports.

Based on different work environments, AutoScan-T22 can be equipped with various 3D scanning devices. Such versatile 3D solutions provide a technical support for automated 3D measurement at medium-large size workpieces.

Application - Inspection

- Automated inspection on production floors
- High productivity: inspection of more than hundreds of objects per day
- Multitasks: simultaneously perform data collection & analysis
- Quality control inspections
- CAD contrast detection

