

## Technical Parameter

Type	AutoScan-T22
Ultra-fast scanning	7 red laser crosses
Scan mode	7 blue parallel laser lines
Deep hole scanning	1 extra blue laser line
Laser lines in total	22
Accuracy	0.030 mm
Measurement rate	480,000 measurements/s
Scanning area	275mm×250mm
Laser class	Class II (eye-safe)
Resolution	0.020 mm
Volumetric accuracy	9.1 m <sup>3</sup> 16.6 m <sup>3</sup>
	0.064 mm 0.078 mm
Volumetric accuracy (With MSCAN-L15 photogrammetry system)	0.044 mm + 0.015 mm/m
Portable CMM T-Probe	Optional Single point repeatability
	Support 0.030 mm
Part size range (recommended)	200 ~ 6000 mm
Stand-off distance	300 mm
Depth of field	320 mm
Output formats	.stl, .ply, .obj, .igs, .wrl, .xyz, .dae, .fbx, .ma, .asc or customized
Operating temperature range	5~40°C
Interface mode	USB 3.0
Patents	CN204329903U, CN104501740B, CN104165600B, CN204988183U, CN204854633U, CN204944431U, CN204902788U, CN105068384B, CN105049664B, CN204902784U, CN204963812U, CN204902785U, CN204902790U, CN106403845B, CN209197685U, CN209263911U, CN106500627B, CN106500628B, CN206132003U, CN211121096U, US10309770B2, KR102096806B1

SCANTECH™

ALJ TOSCAN  
3D System

Unmanned Automatic 3D Inspection Solution





## AUTOSCAN

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

