

HANDHELD 3D SCANNER

CODE LSM-L340



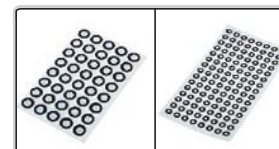
scan indicator



multi-function keys



calibration plate (included)



R3mm and R1.5mm marks (included)



photogrammetric rulers (optional)

- Three scanning modes to suit different situations
- AI algorithm module, greatly improve the scanning effect
- Highly efficient scanning with ultra-fast measuring speeds
- Metrology-grade measuring accuracy
- Optional photogrammetry function

SPECIFICATION

Scanning mode	high-speed scanning	26 cross blue laser lines
	precision scanning	7 parallel blue laser lines
	deep hole scanning	1 blue laser line
Maximum scanning speed		5400000 measurements/s
Volume accuracy		0.015mm+0.035mm/m (standard configuration) 0.015mm+0.025mm/m (required optional photogrammetric rulers)
Laser class		CLASS II (eye-safe)
Maximum resolution		0.01mm
Depth of field		550mm
Reference distance		300mm (high-speed scanning, deep hole scanning), 200mm (precision scanning)
Maximum scanning field		650mm×550mm
Output format		stl, ply, txt, asc
Operating temperature		-10°C~40°C
Interface		USB3.0
Power supply		100~240V, 50/60Hz
Dimension (L×W×H)		335×140×70mm

APPLICATION



High-speed scanning: 26 cross blue laser lines (computer is optional)



Precision scanning: 7 parallel blue laser lines (computer is optional)



Deep hole scanning: 1 blue laser line (computer is optional)

STANDARD DELIVERY

Main unit	1pc
Scanning software	1pc
R1.5mm mark	1000pcs
R3.0mm mark	4000pcs
Calibration plate	1pc

OPTIONAL ACCESSORY

3D measuring software	CMM-CEM-PI
Photogrammetric rulers	LSM-L340-RULER
Computer	customized according to measuring requirements

SCANNING SOFTWARE(INCLUDED)

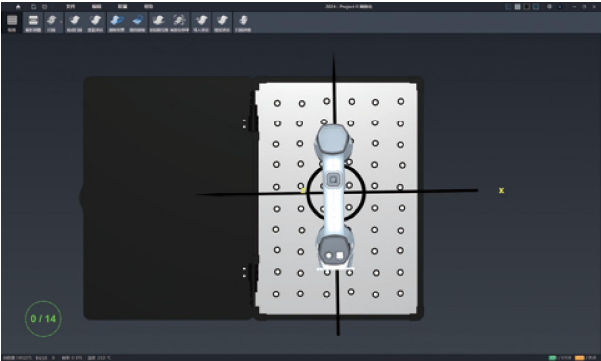
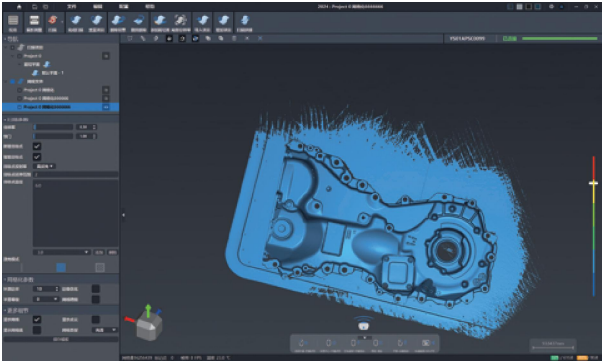
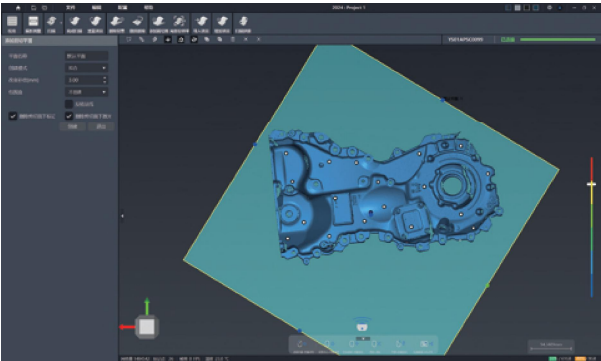


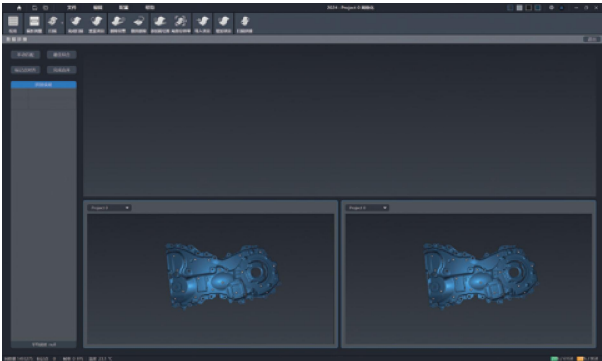
image-guide calibration



point cloud meshing



invalid area removal



scanning splicing