

HANDHELD 3D SCANNER

PART NO. LSM-L340



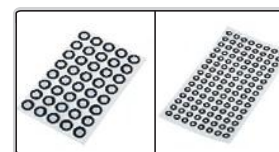
scan indicator



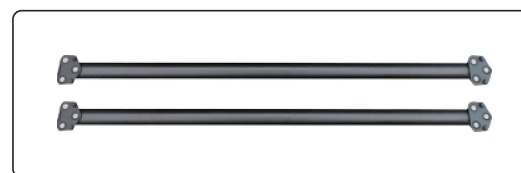
multi-function keys



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 | hige-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 | | 21.6" |
| Reference distance | | 11.8" (hige-speed scanning, deep hole scanning), 7.9" (precision scanning) |
| Maximum scanning field | | 25.6"×21.6" |
| Output format | | stl, ply, txt, asc |
| Operating temperature | | 14~104°F |
| Interface | | USB3.0 |
| Power supply | | 100~240V, 50/60Hz |
| Dimension (L×W×H) | | 13.2×5.5×2.8" |

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)

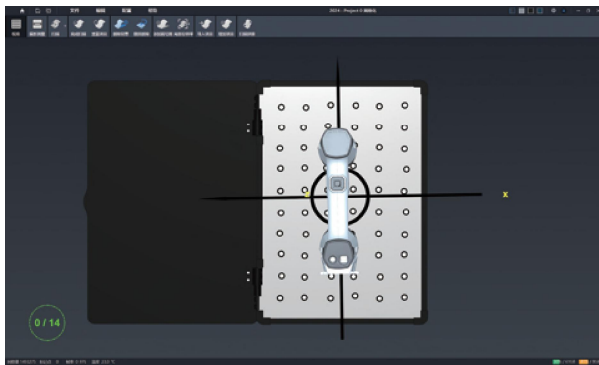
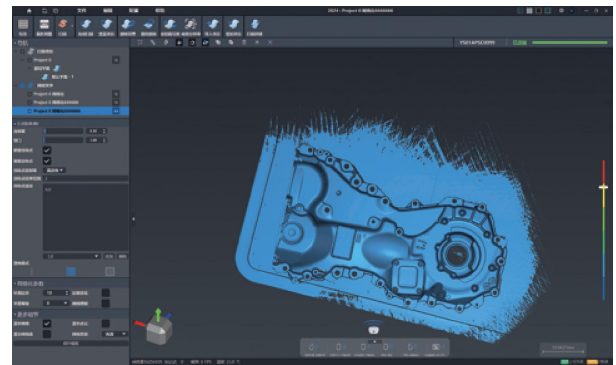
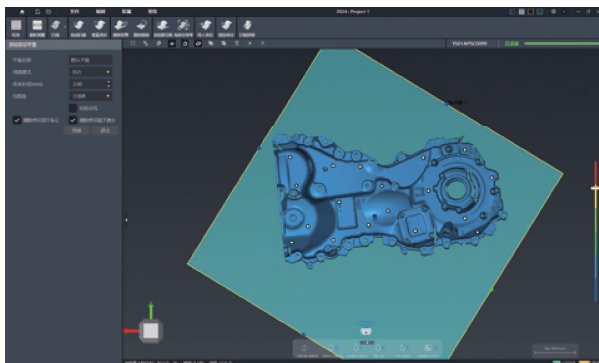


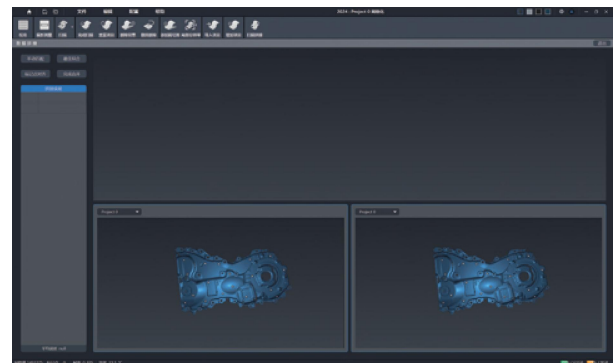
image-guide calibration



point cloud meshing



invalid area removal



scanning splicing