



SHINING 3D®

FOR MORE SHINING IDEAS

OPTIMSCAN-5M PLUS HIGH END INDUSTRY INSPECTION





MINIMIZE THE ERROR DIFFERENCE AND SAVE THE TIME TO THE UTMOST

This solution avoids manual error by carrying out CAD data inspection directly, which improves the inspection process efficiency.



DRAMATIC PRODUCTION EFFICIENCY IMPROVEMENT

Professional inspection software could record all the steps and parameters. Batch inspection is as easy as single case inspection, because software could repeat the inspection procedure automatically. User can simply press one key to do one case or multi-case inspection job.



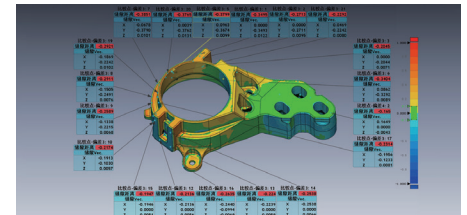
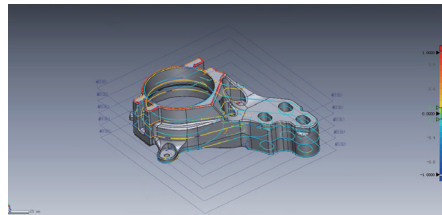
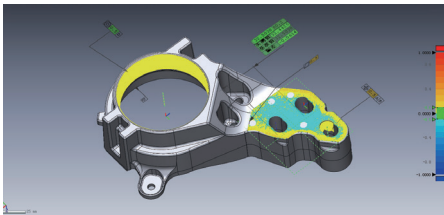
SMART INSPECTION

User can modify any steps of the inspection process and the software shall update all related steps automatically. User has the right to modify till getting the best inspection result.



HIGH ACCURACY

Repeatability is an important part of quality control process. SHINING 3D full dimension inspection solution could help user realize this repeatability easily. Its automation also minimizes the error difference from user to user.



OPTIMSCAN-5M PLUS

SHINING 3D OptimScan-5M Plus 3D scanner is the latest blue light 3D scanner in the market, featuring high-end outlook, structure, component and configuration. Its 5.0 mega pixel cameras and blue light scanning technology bring users amazing scanning speed and accuracy, suitable for high-end applications like, aerospace, automobile, mould industry, etc.

3D PROBE

- Compatible with OptimScan-5M Plus
- Easily measuring the positions that non-contact scanning is inaccessible, such as very deep holes
- Optical CMM measurement technology
- Wireless bluetooth transmission
- Light and portable design



TECHNICAL SPECIFICATIONS

OPTIMSCAN-5M PLUS

Model	Optimscan-5M Plus
Single Scan Range	400mmx300mm / 200mmx150mm / 100mmx75mm
Volumetric Accuracy	0.005mm~0.015mm
Average Point Distance	0.04mm~0.16mm
Alignment Mode	Reference points auto-alignmen
Camera Resolution	5.0 MP x 2
Light Source	Blue light (LED)
Scan Speed	< 1.5 s
Scan Type	Non-contact structure light scanning
Output Data Format	ASC, STL, PLY, RGE, P3, PF
PC Requirements	CPU: Intel core i7 3770 or better Display card: NVIDIA Quadro series, 1G video memory or more Memory : 32G DDR3 1600 or better

*Notice: SHINING 3D reserves the right to explain any alteration of the specifications and pictures.