



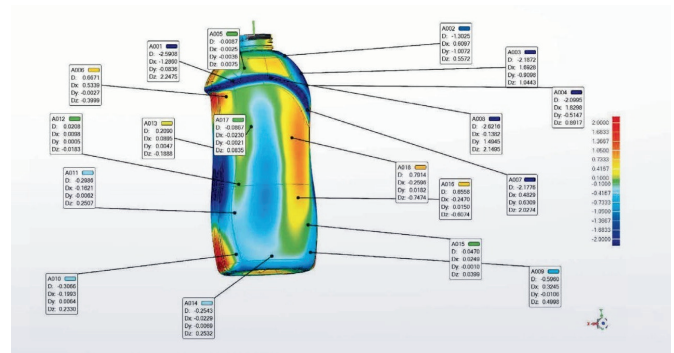
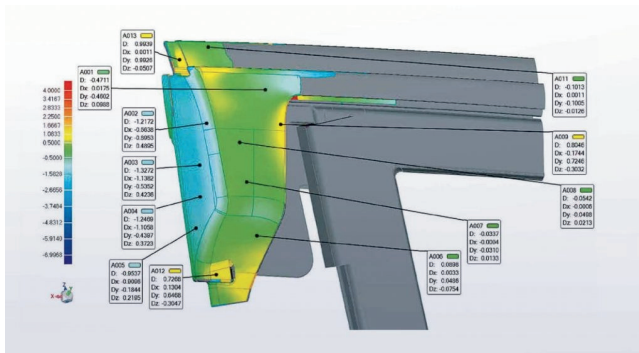
## Blue Light Structured Light Optical Scanner

3D optical scanners are designed to meet the growing demands and requirement of the market for reliable, fast and accurate metrology devices used in reverse engineering, contactless quality control, 3D modelling and rapid prototyping.



Technical specifications:	Optima+ M	Quadro +	FinePrecision	Wide Range
Light source type	Blue LED Projector			
Number and type of cameras	2 x 7 Mpix	2 x 12 Mpix , 2 x 9 Mpix	2 x 8.9 Mpix	2 x 8.9 Mpix
Scanning accuracy according to DE VDI/VDE2634 Part 2, 4.1 P	up to 0.009 mm	up to 0.007 mm	up to 0.006 mm	Up to 0.03 mm
Scanning time	1.2 second	1.2 second	1 second	1.2 seconds
Measuring range	320x190x120 mm	Inner:220x160x90 mm Outer:450x225x180 mm	120x60x32 mm	575x290x240 mm
Points density	117 pt/mm <sup>2</sup>	Inner: 351 pt/mm <sup>2</sup> Outer: 88 pt/mm <sup>2</sup>	1 233 pt/mm <sup>2</sup>	54 pts/mm <sup>2</sup>
Computer connection	USB 3.0			
Export formats	.stl, .ply, .obj, .asc, .bin			
Software	eviXscan 3D Suite with Polyworks Inspector			

### CAD Model Comparison

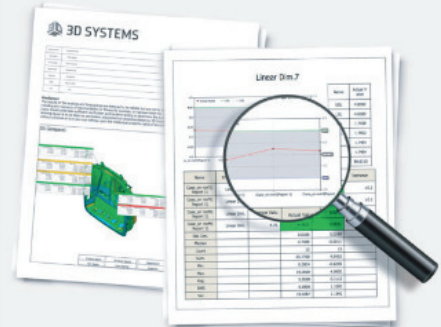
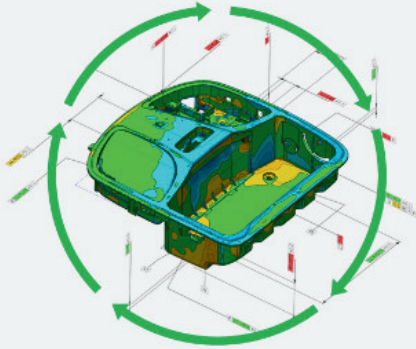
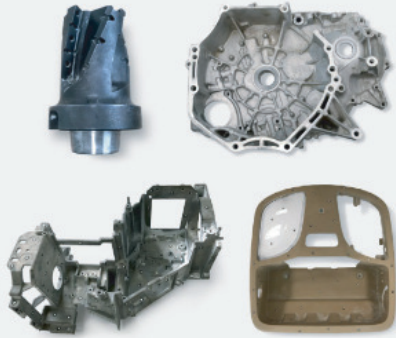




### Features

- Non-contact data capturing capability
- Full field measurement with deviation thermal colour plot
- High speed data processing.
- Universal scanning range
- Faster measurement and analysis
- Easy integration with Robots and Cabot's
- Compact and Portable design

The standard set consists of a 20 kg table, markers, toolkit box and tripod. The whole set is placed in a handy transport box.



### Input

- Direct Scanner Integration
- Preplanned probing routines
- Walk Up Inspection Tools
- Scanning Automation

### Inspection

- Multiple Result Analysis
- Synchronous Inspection
- CAD aware dimensioning and GD&T
- Workflow driven probing processes
- Root cause analysis & traceability

### Reporting and Trend Analysis

- Viewpoint driven reporting
- Create customizable reports with annotations effortlessly for stakeholders

For more details and Product Demonstration please contact

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