

AlphaVista

AI Metrology-Grade Handheld 3D Scanner

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※ According to the VDI/VDE 2634 Part 3 standard and the JJF 1951-2021 Calibration Specification for Optical Three-dimensional Measurement Systems Based on Structured Light Scanning.

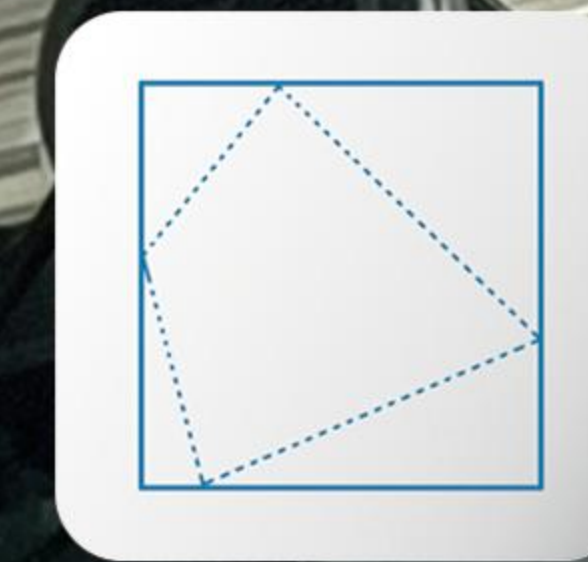
The Company reserves the right to interpret and modify the information contained in this manual.

AlphaVista Series

AI Metrology-Grade Handheld 3D Scanner

TECHNICAL SPECIFICATIONS

Model	AlphaVista
Measurement Rate	7,100,000 measurements/s
Light Source	50 blue laser lines
Laser Class	Class II (Eye Safe)
Resolution	Minimum 0.5mm
Accuracy	up to 0.073mm
Volumetric Accuracy	0.1mm+0.015mm/m
Scanning Area	up to 2200mm×2200mm
Working Distance (min.)	400~900mm
Working Distance (mid.)	900~1800mm
Working Distance (max.)	1800~2500mm
Weight	1.38kg
Dimensions	L×W×H: 430×135×90mm



Large depth of field



Wide scanning Area



Real Time calibration



Build-in Photogrammetry



High speed and efficiency



Flexible Operation

Light weight and portable, easily to start your 3D inspection journey, one-handed operation, simple, flexible and comfortable for long time holding.



Large Scanning Area

Suitable for 3D inspection and reverse engineering of large workpieces, with scanning area up to 2200×2200mm.

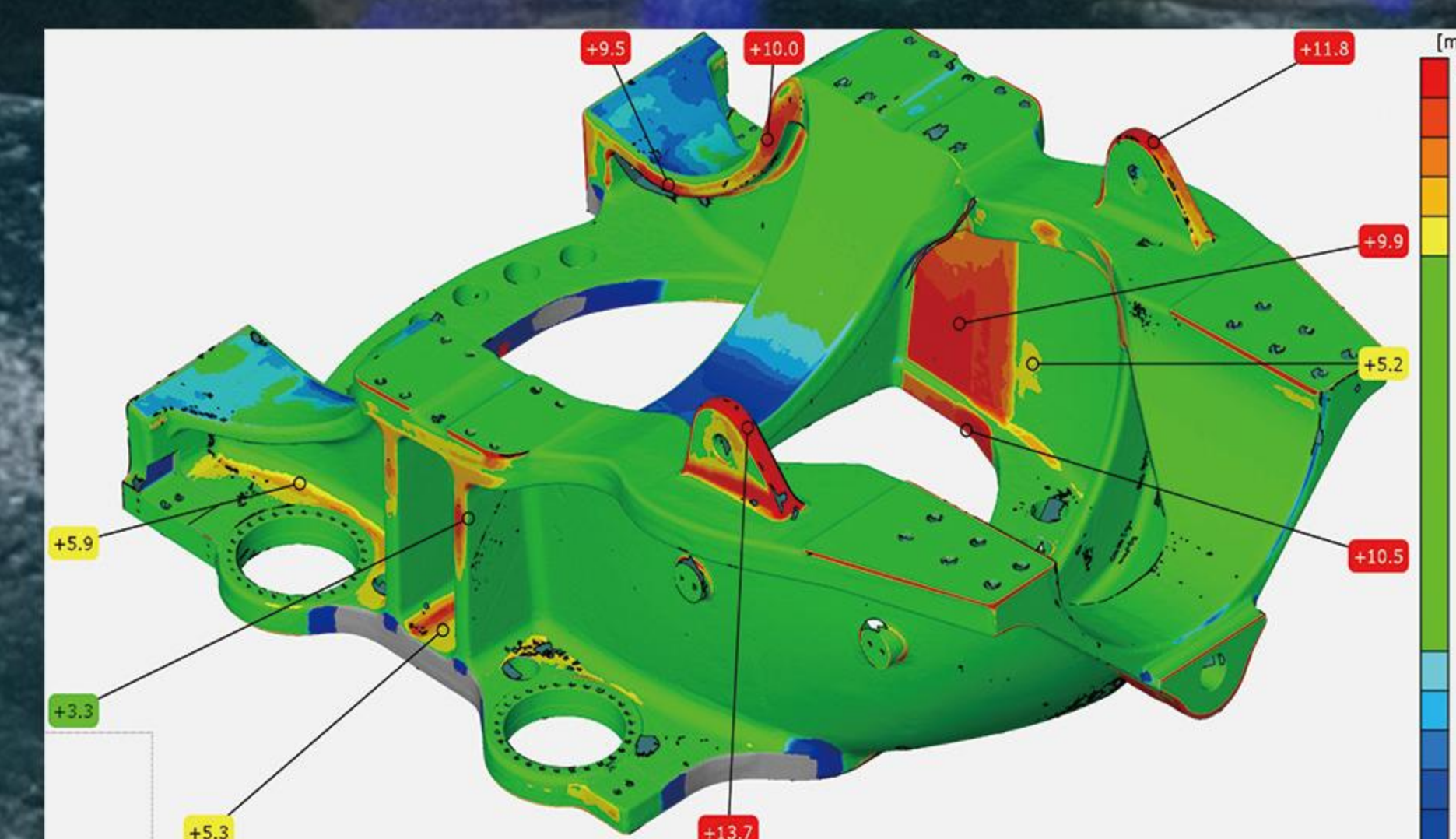


Fast Scanning Speed

Scanning speed up 7,100,000 measurements/s.

High Accuracy

Accuracy up to 0.073 mm
Volumetric accuracy: 0.1 mm ± 0.015 mm/m



Rich Detail

50 blue laser lines
Accurately restore details.
One-click data export for reverse engineering.