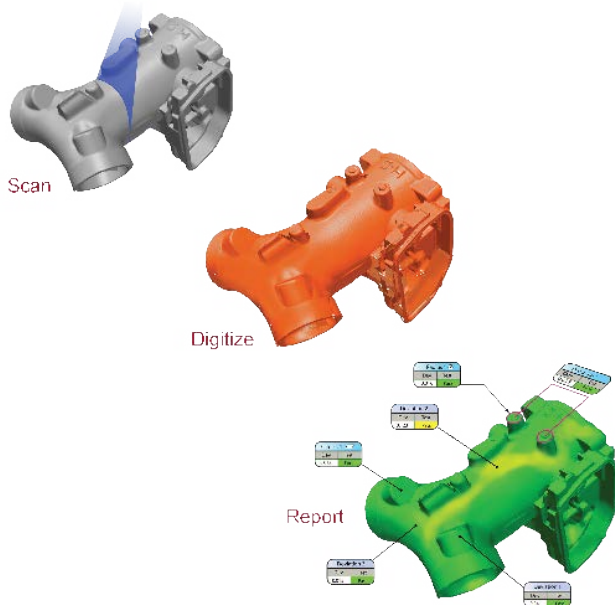


- Precision, non-contact laser scanning and measurement
- Complete surface inspection in minutes
- Indexed scans are positioned accurately without targets or secondary software alignments
- Scans parts in a wide variety of materials, colors, and finishes
- Operates in all normal lighting conditions
- Complete, fast turnkey measurement and inspection solution
- Multiple scanhead configurations to accommodate a large range of part sizes
- Ideal for castings, plastics and 3D printed parts or parts with complex shapes

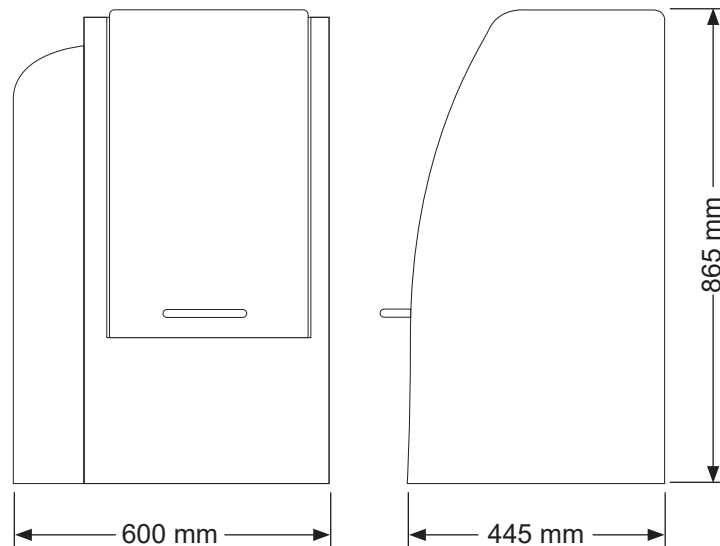
Benchtop Automated 3D Laser Scanner



ShapeGrabber Ai310



A leader in measurements for parts with complex shapes



Machine Weight: 50 kg
Crated Weight: 135 kg

Specifications										
Weight	50 kg									
Vertical motion	300 mm									
Rotary table motion	360°									
Scan Volume	<table border="1"> <thead> <tr> <th>Scanhead</th> <th>Accuracy</th> <th>Scan volume (Automated mode) Cylinder Height x Diameter</th> </tr> </thead> <tbody> <tr> <td>SG156 (standard)</td> <td>30 + L/25 µm</td> <td>300 x 190 mm</td> </tr> <tr> <td>SG46 (optional)</td> <td>16 + L/25 µm</td> <td>300 x 50 mm</td> </tr> </tbody> </table>	Scanhead	Accuracy	Scan volume (Automated mode) Cylinder Height x Diameter	SG156 (standard)	30 + L/25 µm	300 x 190 mm	SG46 (optional)	16 + L/25 µm	300 x 50 mm
	Scanhead	Accuracy	Scan volume (Automated mode) Cylinder Height x Diameter							
	SG156 (standard)	30 + L/25 µm	300 x 190 mm							
SG46 (optional)	16 + L/25 µm	300 x 50 mm								
Laser	CDRH Class II / IEC Class 2M									
Points per second scanned	40,000 - 350,000+									
Software	ShapeGrabber SGCentral (standard) • SGCapture (optional) • PolyWorks (optional) • Geomagic (optional)									
Power requirements	100-120 VAC or 200-240 VAC, 50/60 Hz, 1 phase, 150 W									
Rated environment	Temperature 19 - 21 °C, 30 - 80% humidity; vibration <0.001g below 15 Hz									
Operating environment, safe operation	15 - 30 °C									



Confidence. When Results Matter.™

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