

ShapeGrabber Ai810

- Complete, fast turnkey measurement and inspection solution
- Precision, non-contact laser scanning
- Automated surface inspection in minutes
- Full 3D quality control including GD&T reports
- Go / No-Go capability
- Scans parts in a wide variety of materials, colors, and finishes
- Quickly creates digital inspection reports
- Multiple scanhead configurations to accommodate a range of part sizes
- Ideal for castings, plastics and 3D printed parts or parts with complex shapes
- Available with optional horizontal scan axis with second scanhead

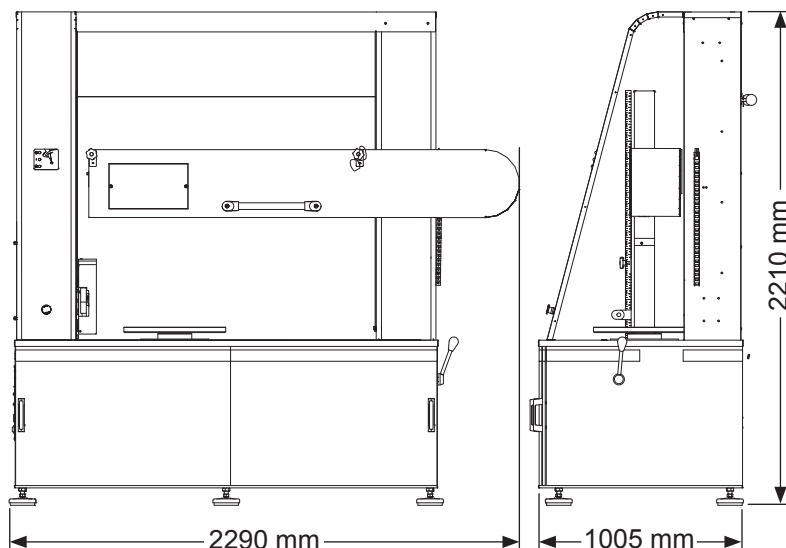
Large Format Automated 3D Laser Scanner



ShapeGrabber Ai810



A leader in measurements for parts with complex shapes



Machine Weight: 725 kg
Crated Weight: 1000 kg

Specifications				
Weight	725 kg			
Vertical motion	800 mm			
Horizontal rail motion	1250 mm (optional)			
Rotary table motion	360°			
Scan Volume	Scanhead	Accuracy	Standard Vertical Axis Scan Volume (Automated mode) Cylinder Height x Diameter	Optional Horizontal Axis Scan Volume (Single-scan mode) Length x Width x Depth
	SG356 (standard on vertical axis)	50 + L/20 μ m	800 x 400 mm	1250 x 345 x 400 mm (optional)
	SG46 (optional)	15 + L/25 μ m	800 x 50 mm	1250 x 40 x 50 mm
	SG156 (optional)	30 + L/25 μ m	800 x 190 mm	1250 x 175 x 190 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, 1000 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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