

Axiom Data Sheet

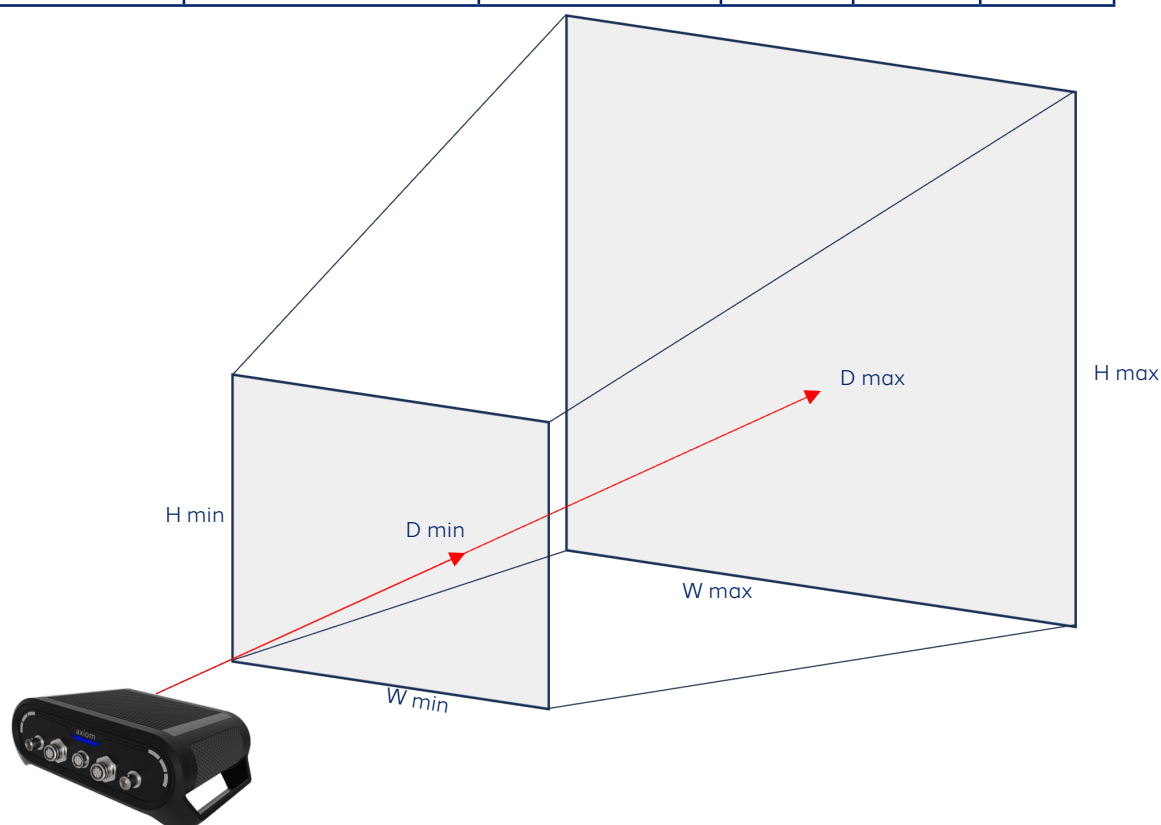


Axiom is a small scale 3D displacement measurement system. Its compact size and wide range of measurement tools makes it highly versatile and a suitable replacement for many contacting sensors.

Axiom combines stereoscopic optics with advanced analytical software and is ideal for research grade non-contact measurement.

Axiom configurations

Product Code	Volume ¹ (W x H) mm	Min. and max. working distance mm	Resolution ² µm		
			X	Y	Z
IM-A-0300	Min: 291 x 241 Max: 529 x 488	300, 600	0.25 ↓ 0.5	0.25 ↓ 0.5	2.9 ↓ 5.87
IM-A-0500	Min: 492 x 409 Max: 931 x 825	500, 1000	0.42 ↓ 0.85	0.42 ↓ 0.85	8.21 ↓ 16.56



¹Measurement volume tolerance +/-5%

² Resolution is based on typical system performance in laboratory conditions when following best testing practice and is calculated as standard deviation of signal at rest.

Above figures based on a 40x40 pixel target.

