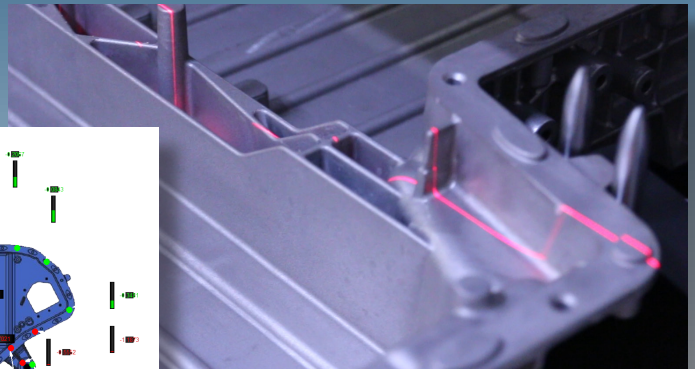
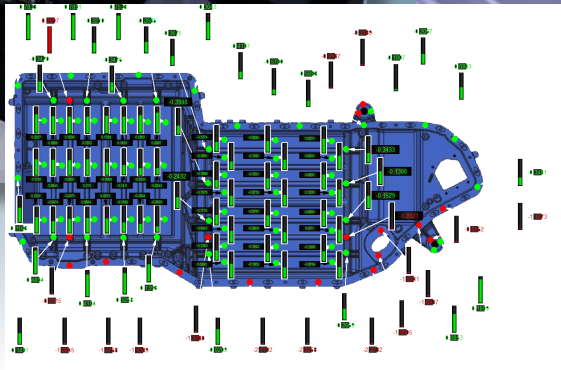
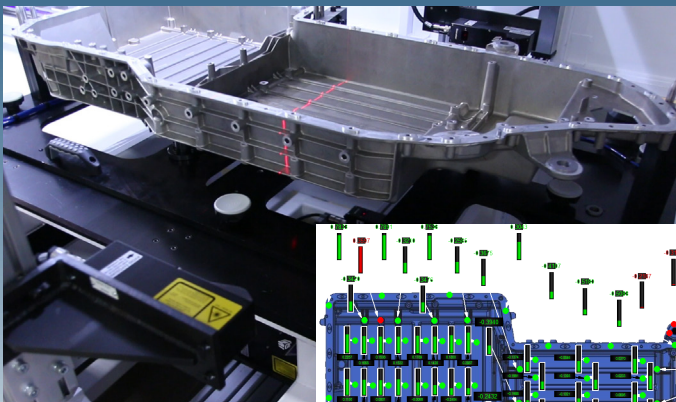


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In-Line, Non-Contact Casting Metrology



NO FAIL FORWARD
100% IN-LINE INSPECTION
ROBUST TOOLING CHANGE
HIGH ACCURACY METROLOGY
FULL SURFACE NON-CONTACT ANALYSIS



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High tech solutions for real world problems

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Description of the Machine

Non-contact sensors	Laser line triangulation Laser spot triangulation
Rotary table	No
Parts loading	Manual and Automatic With robot / conveyor / pallet
Autonomous work position	Yes
Dimensions (mm)*	4400x1800x2100
Weight*	1800 lbs.
GUI	Standard and configurable
Measurable references	Unlimited

Measures and acquisitions

Data points / measurement	~3 million* data points
Data acquisition time	Part dependent
Computation time	Hidden time (25-50 seconds)*
Handling time	Part dependent

Dimension and Geometry

Repeatability	0.030mm or better‡
Accuracy	0.030mm or better‡
Part size‡ (X,Y,Z)	Part/Customer Driven



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* Part dependent
‡ Technology dependent, larger parts not measured at same accuracy