

Established in the year 2011, ADR Engineering excels in providing accurate quality inspection services with most updated metrological instruments and software in the market, our talented team. With over 14 years of experience, as precision is the heart of quality, held more than 1000+ Projects onsite

No-400, Amman Kovil Street, Thirumalai Nagar, Morai, Avadi, Chennai – 600055.

Phone: +91 9840866546, Email: adrengg@gmail.com, Website: www.adrengineering.in

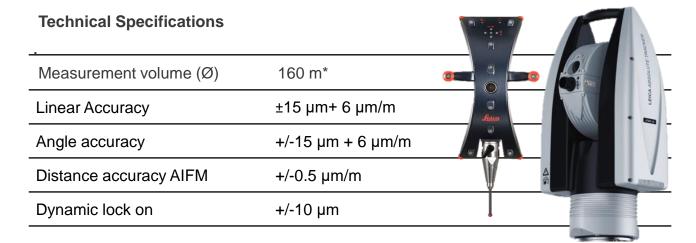




Leica AT 960

Leica Absolute Tracker AT960 is a complete solution for six degrees of freedom (6DoF) probing, scanning. Its Absolute Interferometer (AIFM) enables accurate high-speed measurement while the Power Lock function ensures rapid recapture of lost laser beam without user intervention.

Measurement volume of up to 160 meters in diameter.



T PROBE III

T-Probe provides a Largest armless operation measurement volume of up to 40 m \varnothing

AS1 XL SCANNER

An extra-wide scan line, large standoff and high measurement speed combined with advanced SHINE technology for intelligent data handling the AS1-XL is a quantum leap forward for the non-contact measurement of large surfaces.

Accuracy (sensor)	0.134 mm
Point acquisition rate	up to 1.2 million points/s
Line width (mid)	600 mm
Standoff	700 ± 300 mm







API Omnitrac 2 & RADIAN PLUS

API Omnitrac 2 and Radianplus is a more compact, controllerless, wireless tracker. Integrated controller offers cableless and hazard- free operation in confined spaces. Runs on built-in battery power upto 6 hours and sends its data over the unit's internal WiFi.

For length measurement, the **highly precise ADM 2** technology is used. Autolock systems finds the SMR anywhere.

Radian's Hand-held probes compliment Radian's capabilities, extending measurement reach.

Technical Specifications

	Omnitrac 2	Radian Plus
Laser Technology	ADM 2-3D/6D	ADM -3D/6D
Linear range (Diameter)	160 m	100 m
Azimuth Range (Horizontal)	± 320 º (640 º end to end)	± 320 º (640 º end to end)
Elevation Range (Vertical)	+ 79º / -59º	+ 79º / -59º
Linear Accuracy	±15 μm	±15 μm
Data output rate	1000 points/sec	1000 points/sec
Year of Manufacturing	2016	2020



Our Arms are portable, coordinate measuring machine which allows precise and accurate measurements of an object.

It can move in three-dimensional space forward/backward, up/down, left/right combined with rotation about three perpendicular axes which allows intricate measurement in confined spaces.

Probing

	HEXAGON ROMER ARM			FADO fusion
	7325	7525	7330	FARO fusion
Range	2.5 m Ø	2.5 m Ø	3 m Ø	3 m Ø
Repeatability	0.049 mm	0.027 mm	0.079 mm	0.074mm
Volumetric accuracy	± 0.069 mm	± 0.038 mm	± 0.100 mm	± 0.104mm

Scanning







OUR HAPPIEST CLIENTS

adani	Adani Elbit Advance system India Itd.	Mold surface and geometry Inspection	
ALST©M	Alstom Transport India Limited	Jigs/Fixture Calibration, Metro train body Inspection	
TM AUTOMOTIVE SEATING SYSTEMS	TM Automotive Seating System Pvt Ltd.	Fixture Calibration, 3D Scanning	
MICHELIN	Michelin India Pvt Ltd	Machine Installation and Geometry	
(2) L&T Defend	ce Larsen & Toubro Defense	Dimensional Inspection of components	
	Larsen & Toubro Aerospace	Dimensional Inspection of components	
	Larsen & Toubro Rubber Processing Industry	Geometry of largest structures	
LM WIND POWER a GE Renewable Energy business	LM Wind Power Blades (India) Private Limited	Blade mold surface Inspection	
ENVISION	Envision Wind Power Technologies India Pvt. Ltd	Blade mold and Blade surface Inspection	



Indutch Composites Technology Pvt Ltd

Blade mold and Blade surface Inspection



SIEMENS Gamesa Siemens Gamesa Renewable Power Pvt Ltd

Dimensional Inspection of Turbines, Shafts and bearings



Mahindra Research valley

Prototype Inspection and 3D Scanning



Mahindra

Jigs/Fixture Calibration



Thermax Limited

Dimensional Inspection of **Radiators**



Apollo Tyres

Reverse Engineering



Indocool Composites Private Limited

Mold profile Inspection



Hanon Automotive Systems Private Limited

Dimensional Inspection of components



Dowoon Automotive Systems India Pvt Ltd Dimensional Inspection of components





Tractors and farm equipment Limited

Jigs/Fixture Calibration



Wheels India Limited

Jigs/Fixture Calibration



Komatsu India Private Limited

Jigs/Fixture Calibration



Brahmos Aerospace Thiruvanthapuram Limited Dimensional Inspection of components



VSSC

Geometrical Inspection of components



tpi composites. TPI Composites India Private Limited

Blade mold and Blade surface Inspection



Jendamark India Private Limited

Jigs/Fixture Calibration **Dimensional Inspection**



Tube Invesments of India Limited

Reverse Engineering & 3D Scanning