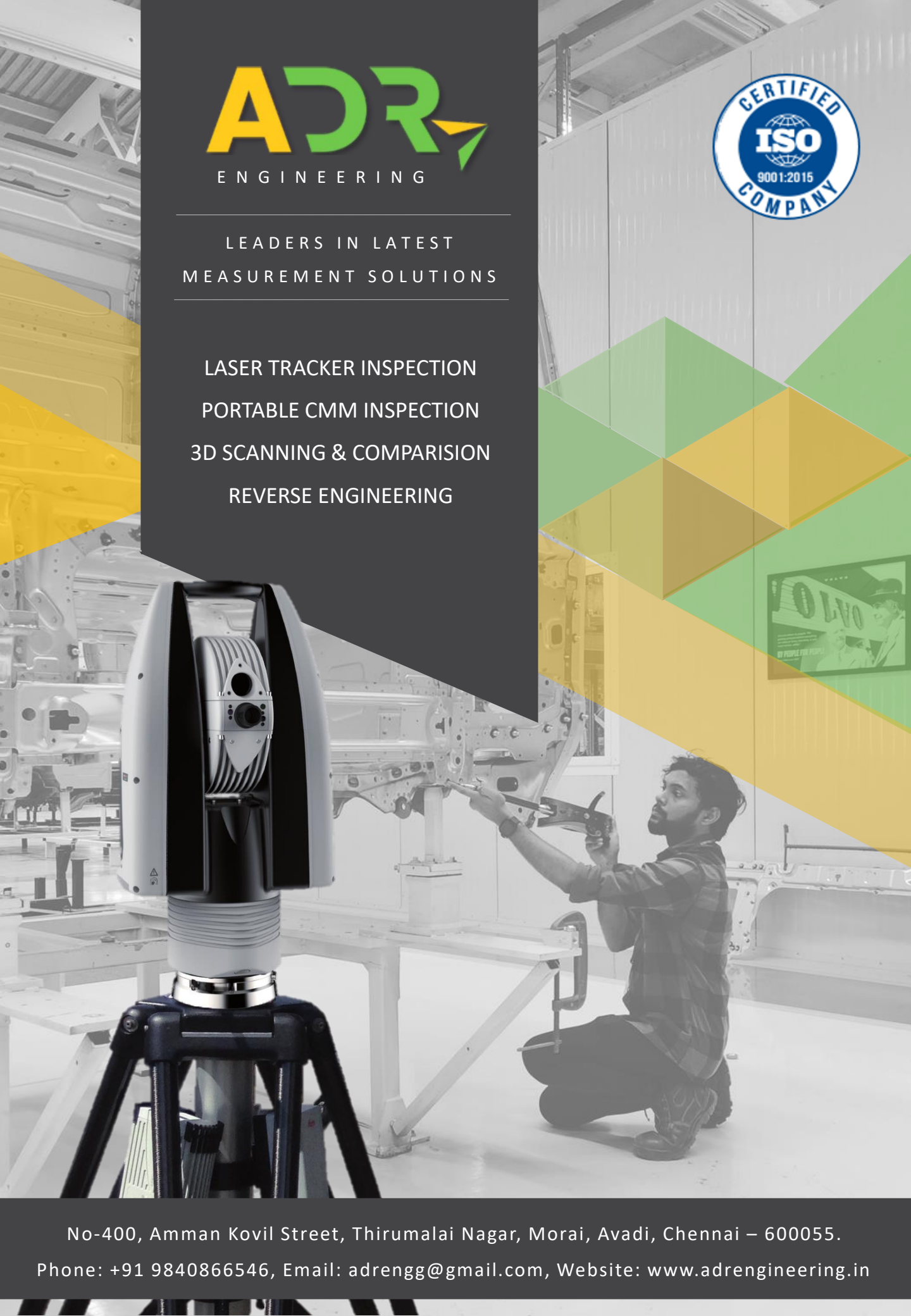




LEADERS IN LATEST  
MEASUREMENT SOLUTIONS

LASER TRACKER INSPECTION  
PORTABLE CMM INSPECTION  
3D SCANNING & COMPARISON  
REVERSE ENGINEERING



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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.**

### Technical Specifications

Measurement volume (Ø)	160 m*
Linear Accuracy	±15 µm+ 6 µm/m
Angle accuracy	+/-15 µm + 6 µm/m
Distance accuracy AIFM	+/-0.5 µm/m
Dynamic lock on	+/-10 µm



### T PROBE III

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

### LAS SCANNER

- The world's first large-scale handheld 3D laser scanner has an accuracy of +/- 60 microns at a rate of 150,000 points recorded per second.
- Super-Wide Scan Line **up to 600 millimetres**
- Extra-Large Stand-Off Up to **1000**





## 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)	$\pm 320^\circ$ ( $640^\circ$ end to end)	$\pm 320^\circ$ ( $640^\circ$ end to end)
Elevation Range (Vertical)	$+ 79^\circ / -59^\circ$	$+ 79^\circ / -59^\circ$
Linear Accuracy	$\pm 15 \mu\text{m}$	$\pm 15 \mu\text{m}$
Data output rate	1000 points/sec	1000 points/sec

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			FARO fusion
	7325	7525	7330	
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

	Hexagon Arm Scanner 7330 SI RS4
Range	3 m Ø
Scanning System Accuracy	0.119mm
Minimum Point Spacing	0.011mm (Line)

