



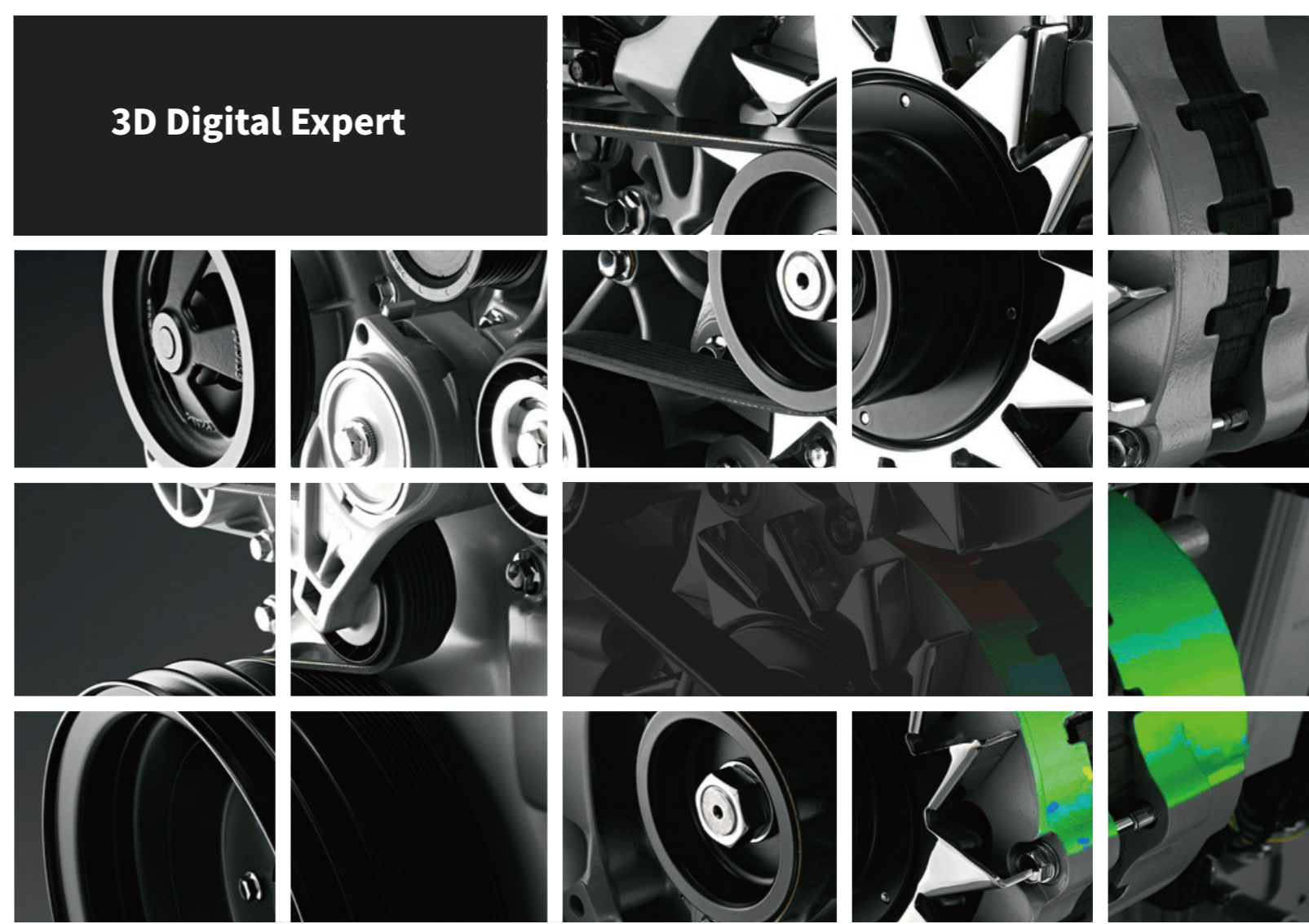
Company Introduction

Metronor was founded in 1989, which has 30 years experience in 3D measurement with leading technology in photogrammetry field, one of global top 3D measurement enterprise, provide technology support for World-wide partners and customers. Furthermore, Metronor and Scantech establish joint development center in Hangzhou.

SCANTECH (HANGZHOU) CO., LTD is a high-tech enterprise specialized in developing, manufacturing and selling of intelligent visual inspection equipment. As one of the most professional 3D digital equipment suppliers, ScanTech has been granted and assigned numbers of technological patents.

R&D team developed a series of 3D digital equipment with self-owned intellectual property rights, such as composite 3D scanner, handheld 3D laser scanner, global 3D scanner, color 3D scanner, tracking 3D scanner and global photogrammetry system.

Furthermore, our R&D team has established a joint development center with Norway Metronor which is a well-known optical metrology enterprise in Europe.



3D Digital Expert



New Generation Of 3D Measurement Technology

Metronor & Scantech Joint Development

TRACKSCAN SYSTEM

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SCANTECH

Authorized Distributor

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SCANTECH (HANGZHOU) CO., LTD

TRACKSCAN system is developed by Scantech and Metronor, including scanning and probing measurements, which combine Metronor's global top LED optical tracking technology and laser 3D scanning technology. TRACKSCAN rapidly obtain high accuracy of 3D model in any environment without the need of sticker.

TRACKSCAN-SOLO



No Calibration
No Preparation

TRACKSCAN-DUO



Flexibility
High Precision
Large Measurement Range

No Sticker

- LED tracking technology
- Initiative location
- Greatly improve efficiency of 3D measurement for parts

High Precision

- Volumetric accuracy is up to 0.03mm
- Volumetric accuracy is 0.12mm for 10m size object
- Truly meet the high accuracy measurement for large volume requirement

High Flexibility

- Support multiple optical track solution
- Adjust scan area at request
- Perfect balance scan area and accuracy

Large Measurement Range

- Up to 10m measurement range by scanning
- Up to 15m measurement range by probing

Support Probing

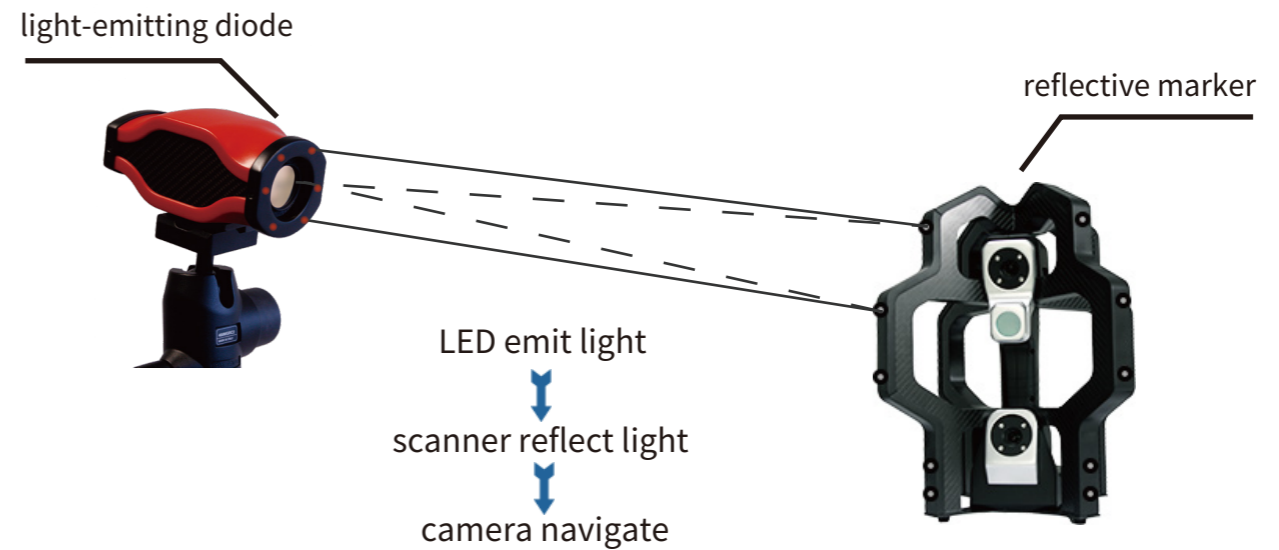
- Ensure the high accuracy 3D data for key parts
- Light pen support hardware upgrade
- Benefits deep probing

High Anti-Interference

- Accuracy is insensitive to unstable environment
- Work normally even exposed to direct sunlight
- Easily deal with shining and black surface, mostly imaging enhancement is unnecessary

Comparison

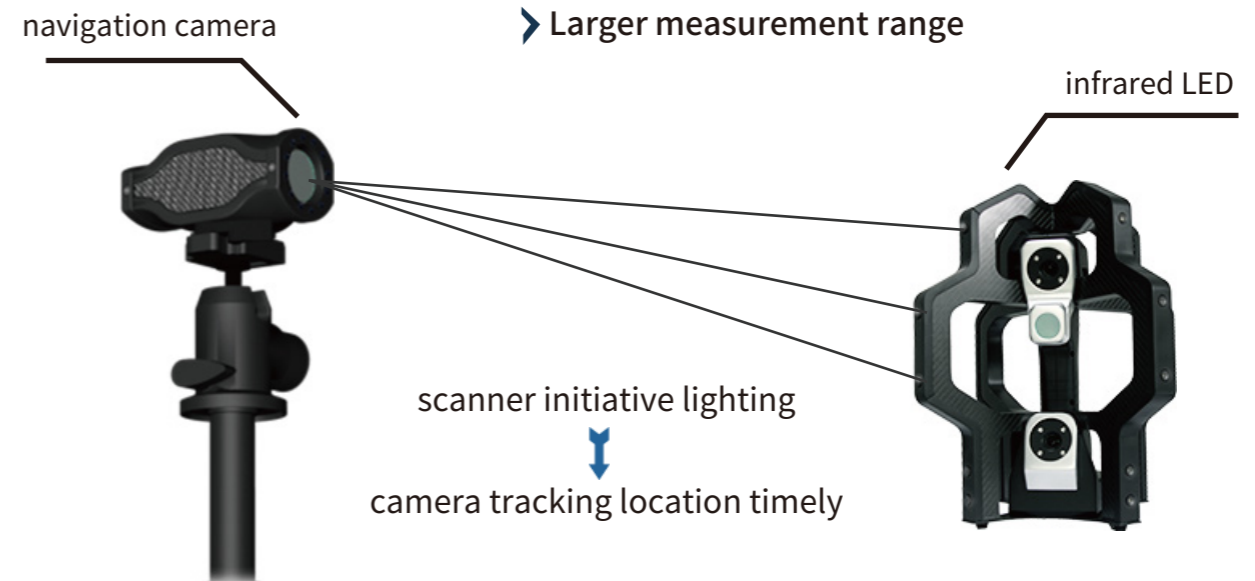
Traditional Optical Track Technology



Restriction for accuracy and measuring range

Our LED Optical Track Technology

- > Higher precision
- > Higher anti-interference
- > Larger measurement range

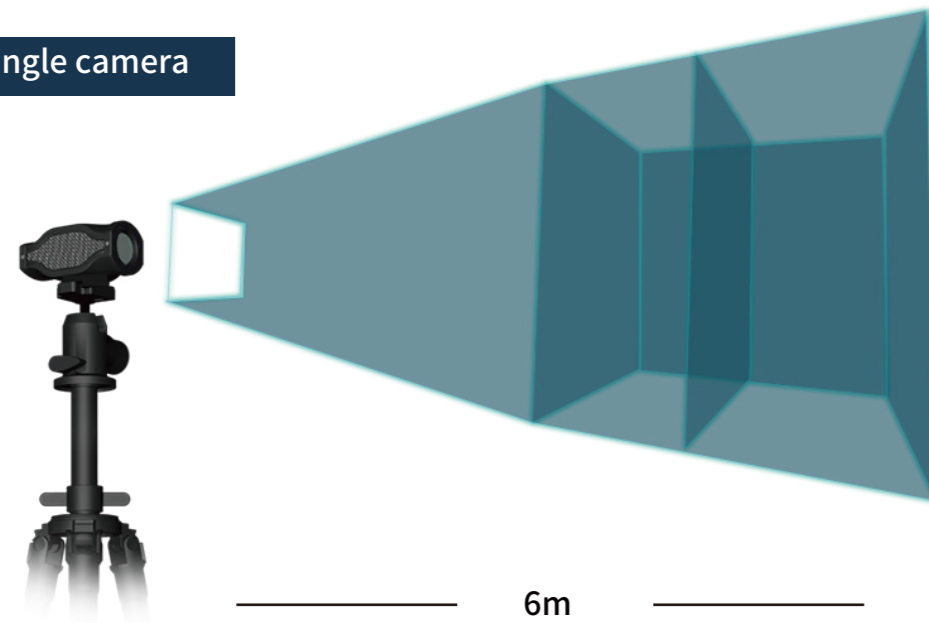


Flexible Measurement Solution

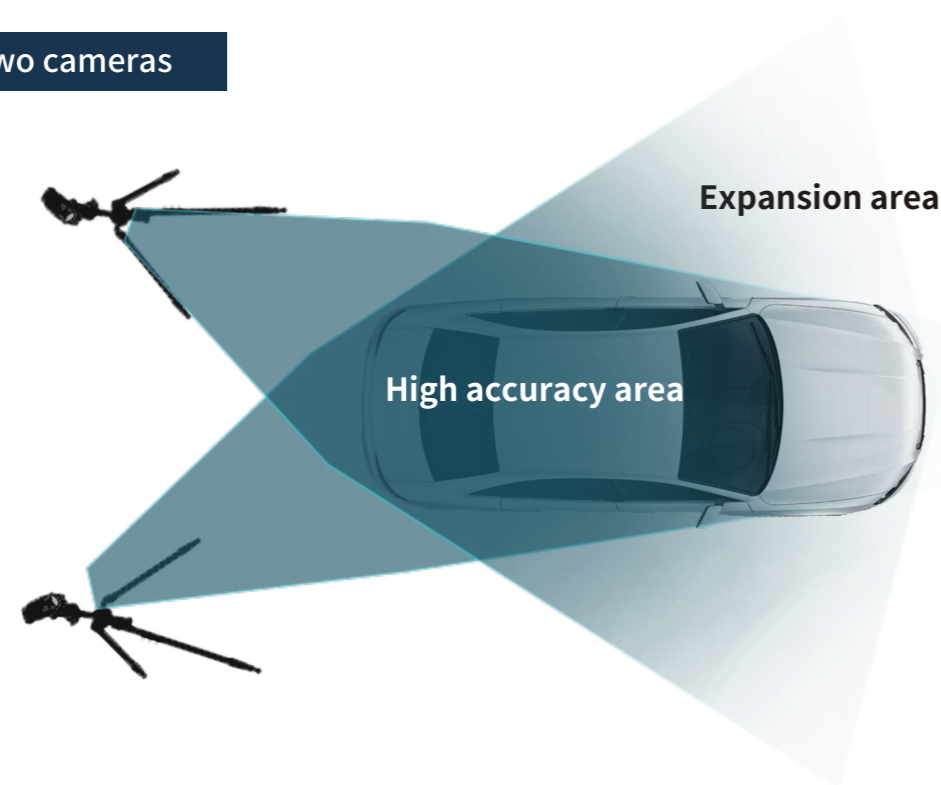
Larger measurement range with two cameras.

Adjust camera location freely according to scan area and accuracy.

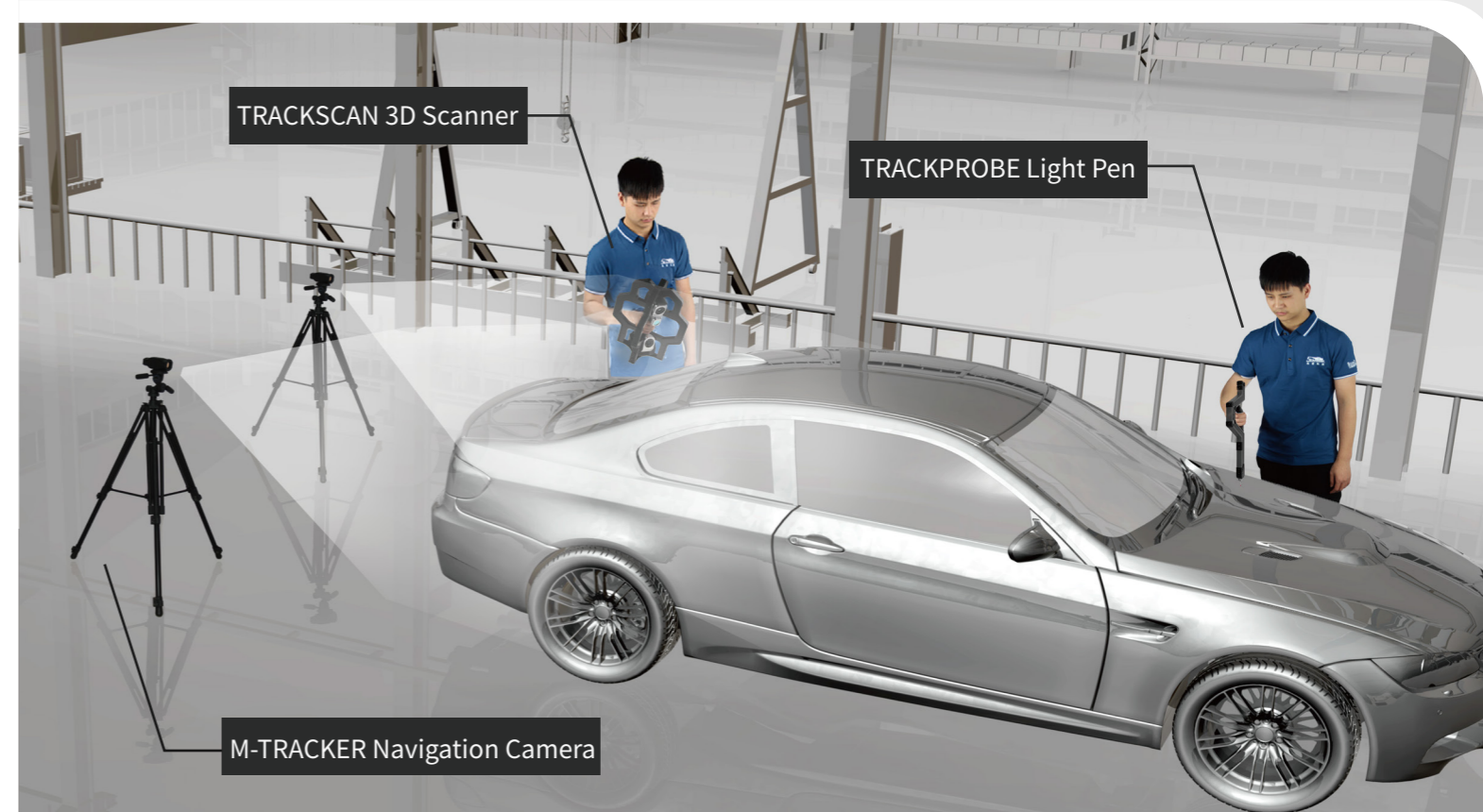
Single camera



Two cameras



Complete Solution For Industrial 3D Measurement



M-TRACKER Navigation Camera

Flexible working mode Initiative Location

TRACKSCAN 3D Scanner

Led initiative location, large measurement range, high precision

TRACKPROBE Light Pen

Probing measurement, ultra-large measurement range, ultra-high precision

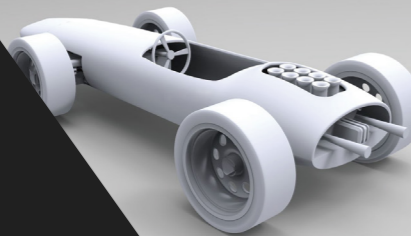
Technical Parameter

Type		TRACKSCAN-SOLO		TRACKSCAN-DUO	
Device		TRACKPROBE	TRACKSCAN	TRACKPROBE	TRACKSCAN
Measurement range		15 m	6 m	15 m	10 m
System Accuracy		0.030 mm	0.040 mm	0.020 mm	0.030 mm
Spatial accuracy	2.5 m	0.080 mm	0.080 mm	0.040 mm	0.040 mm
	6 m	0.150 mm	0.150 mm	0.080 mm	0.080 mm
	10 m	0.300 mm	—	0.120 mm	0.120 mm
Light pen	Wireless,carbon material		—	Wireless,carbon material	
Probe type	Support quick change probe		—	Support quick change probe	
Resolution	1 μm		0.050 mm	1 μm	
Laser class	—		CLASS II (eye-safe)	—	
Measurement rate	—		480000 measures/s	—	
Stand-off distance	—		300 mm	—	
Depth of field	—		250 mm	—	
Output formats	igs		.stl, .ply, .obj, .igs, wrl, .xyz, .dae, .fbx, .ma, .asc or customized	igs	
Environmental requirement	Operating temperature range		-10°C~45°C		
	Storage temperature		-25°C~65°C		
	Humidity		<95%, no condensation		

All-Round 3D Digital Solution

Scantech 3D measurement system offers professional measurement technology for variety industries.

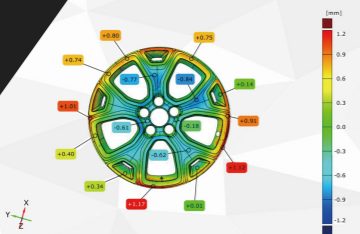
Rapid Prototyping



Reverse Engineering



3D Inspection



3D Visualization



Application Case



TRACKSCAN system include scanning and probing measurements, rapidly obtain high accuracy of 3D model in any environment without the need of sticker. TRACKSCAN apply to variety industries such as automobiles and parts, aerospace, ship, rail, transportation, mechanical design and manufacturing, home decoration, heritage and ancient architecture, teaching and research and so on.

Customer support

Training service

Our goal is to develop skills by providing flexible training according to participants' level of knowledge. To ensure training quality and consistency, our team of experienced trainer draw on training plans with other tools to clearly explain train objectives, introduce theory, guide hands-on practice and assess student progress.

Maintenance plan

Scantech offer multilingual service and support to ensure satisfactory solution. We promise 1-year warranty after sale.

Take advantage of worry-free maintenance and global repair coverage for all your hardware and software, we will have a plan suited to your needs while your device is on service time.