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 Worldwide partners and customers.

Furthermore, Metronor and Scantech establish joint development center in Hang zhou.

Scantech is a high-tech enterprise specialized in development, research, and sale of intelligent visual inspection equipment and is one of most professional 3D digital equipment supplier.

R&D team developed series of 3D digital equipment with self-owned intellectual property rights leading home and abroad, such as handheld laser 3D scanner, track 3D scanner and global photogrammetry system and so on.Especially PRINCE with capability of capture extreme detail and AXE series with high volumetric accuracy are global creative initiative , and gain great attention and recognition in the 3D digital field.

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SCANTECH
3D Digitization Expert

Authorized Distributor

New Generation Of 3D Measurement Technology

Metronor & Scantech Joint Development

TRACKSCAN SYSTEM

HangZhou Scantech Co., Ltd

TRACKSCAN

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

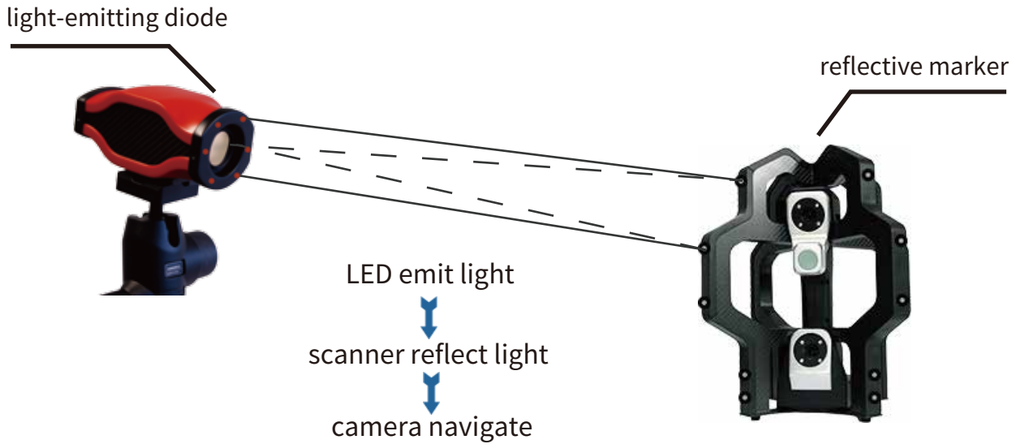
- Ensure the high accuracy 3D data for key parts
- Light pen support hardware upgrade
- Benefits deep probing

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

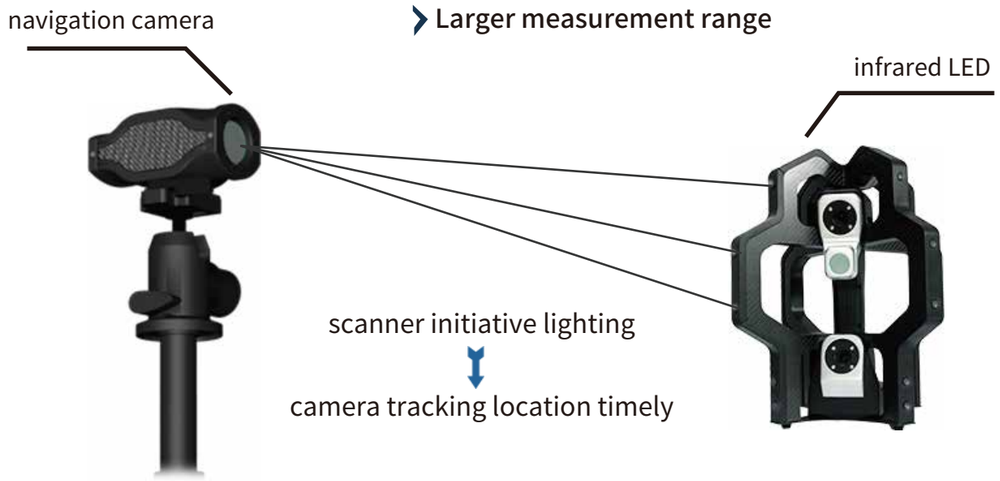
Traditional Optical Track Technology



Restriction for accuracy and measuring range

Our LED Optical Track Technology

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

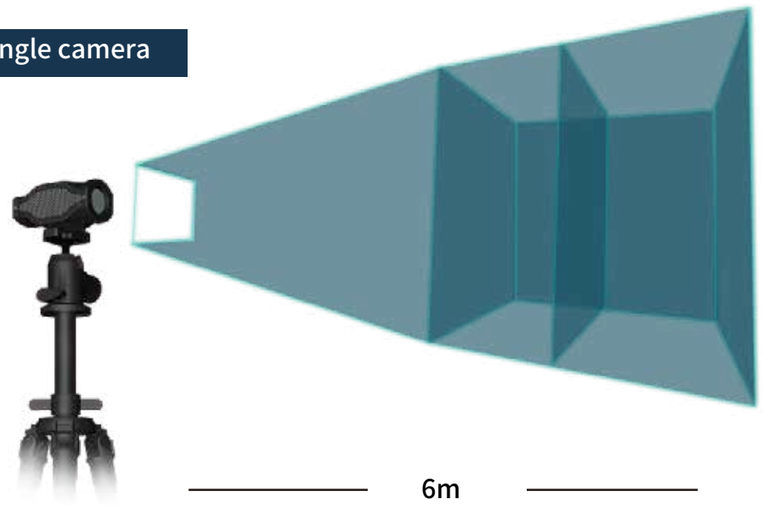


Flexible Measurement Solution

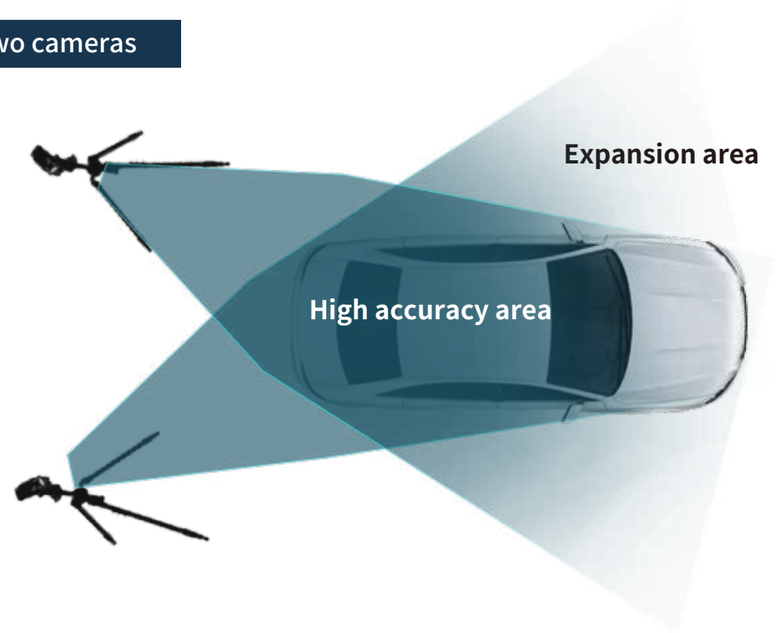
Larger measurement range with two cameras.

Adjust camera location freely according to scan area and accuracy.

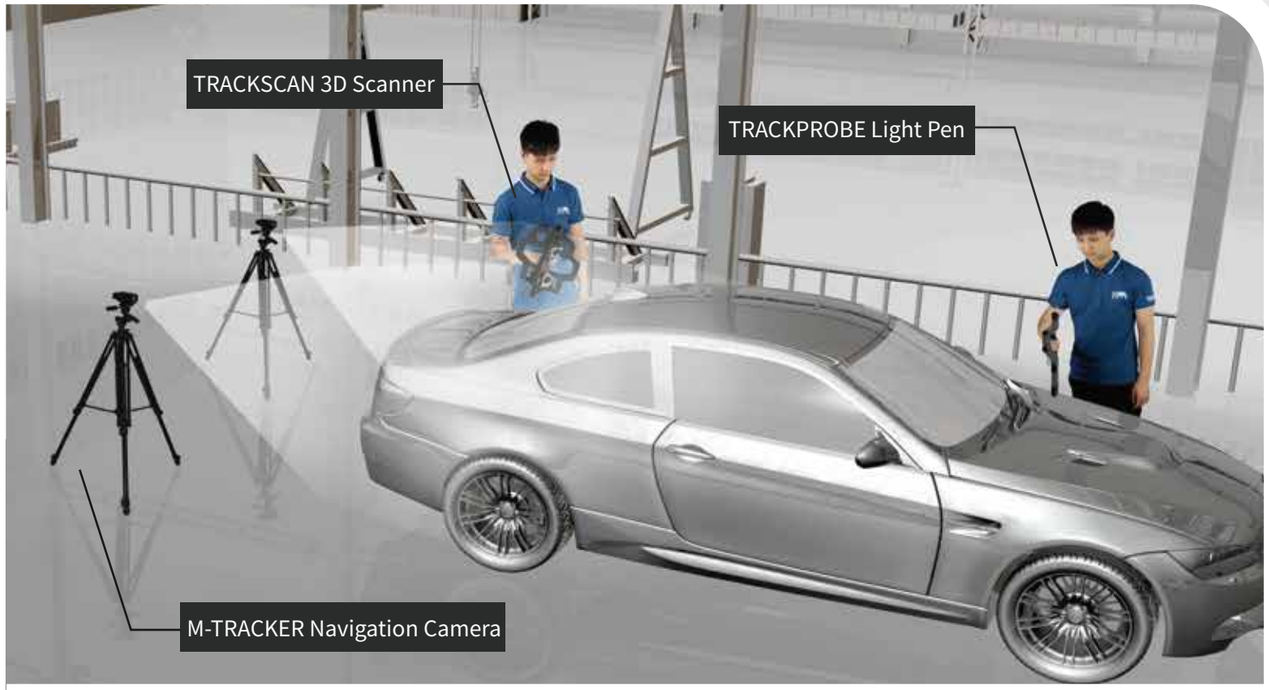
Single camera



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		15m	6m	15m	10m
Accuracy		Up to 0.03mm	Up to 0.04mm	Up to 0.02mm	Up to 0.03mm
Track volumetric accuracy	2.5m	0.08mm	0.08mm	0.04mm	0.04mm
	6m	0.15mm	0.15mm	0.08mm	0.08mm
	10m	0.30mm	—	0.12mm	0.12mm
Light pen		Wireless,carbon material	—	Wireless,carbon material	—
Probe type		Support quick change probe	—	Support quick change probe	—
Resolution		1μm	0.05mm	1μm	0.05mm
Laser class		—	CLASS II (eye-safe)	—	CLASS II (eye-safe)
Measurement rate		—	480000 measures/s	—	480000 measures/s
Stand-off distance		—	300mm	—	300mm
Depth of field		—	250mm	—	250mm
Output formats		igs	stl、stp、igs、ply、xyz、dae、obj、asc	igs	stl、stp、igs、ply、xyz、dae、obj、asc
Environmental requirement	Work temperature	-10°C~45°C			
	Storage temperature	-25°C~65°C			
	Operating humidity range	<95%, no condensation			

All-Round 3D Digital Solution

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

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.

Maintance plan

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

Take advantage of worry-free maintance 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.