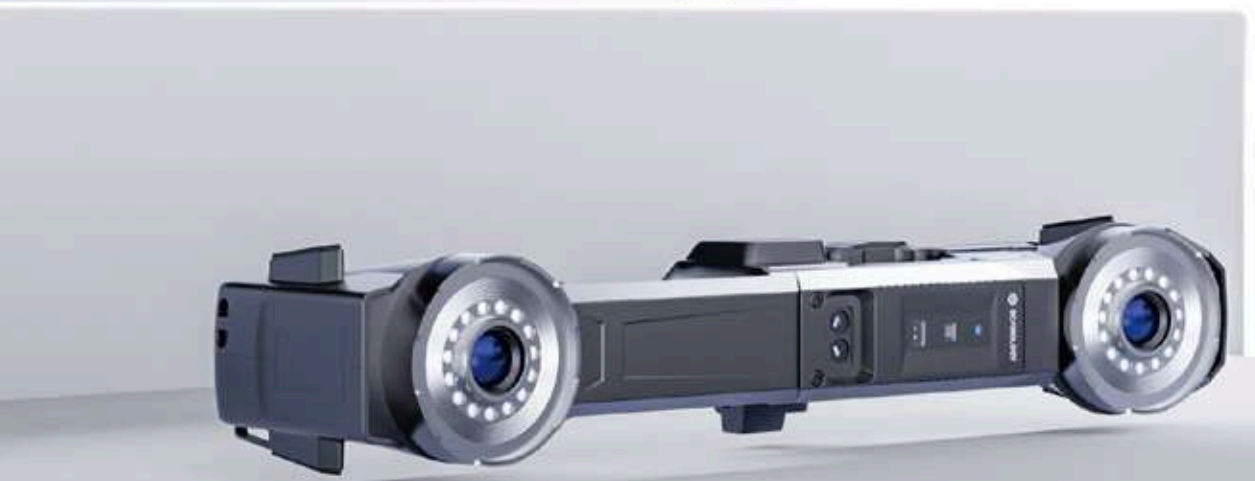
SCANOLOGY

Portable Optical 3D Scanning System

TrackScan GO

One System. More Possibilities.





3D JUNGLE

Distributeur français SCANOLOGY

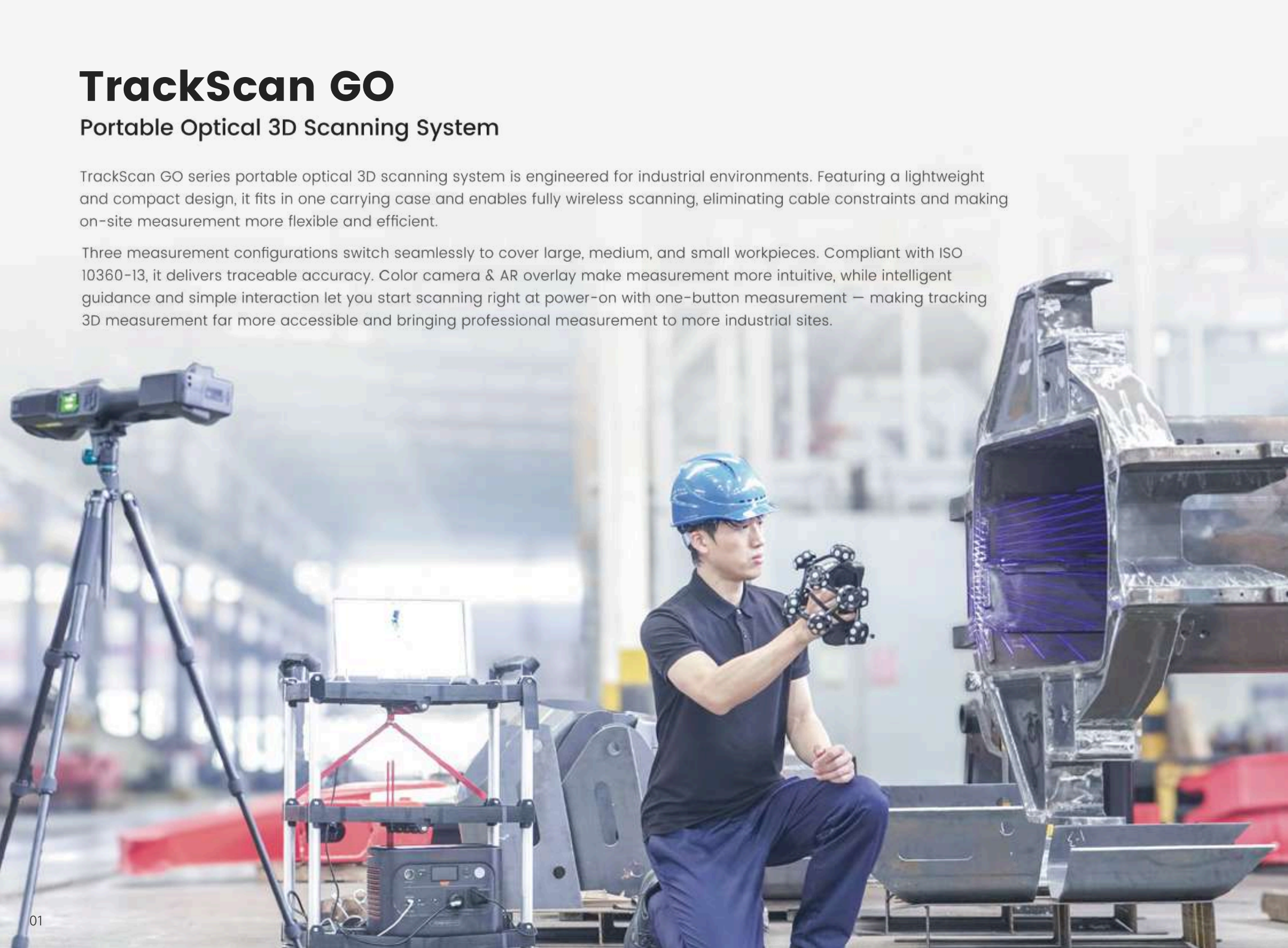
Conseil · Vente · Formation
Service après-vente

TrackScan GO

Portable Optical 3D Scanning System

TrackScan GO series portable optical 3D scanning system is engineered for industrial environments. Featuring a lightweight and compact design, it fits in one carrying case and enables fully wireless scanning, eliminating cable constraints and making on-site measurement more flexible and efficient.

Three measurement configurations switch seamlessly to cover large, medium, and small workpieces. Compliant with ISO 10360-13, it delivers traceable accuracy. Color camera & AR overlay make measurement more intuitive, while intelligent guidance and simple interaction let you start scanning right at power-on with one-button measurement — making tracking 3D measurement far more accessible and bringing professional measurement to more industrial sites.



Lightweight and Portable
One Case to Go

The tracker and scanner are both compact and portable. A streamlined, lightweight setup with fewer components. No router or repeater box required — everything fits into a single case for effortless one-person transport and easy mobility between sites. With wireless scanning and the flexibility to connect to AirGO Pad, an integrated tablet-based inspection solution, it frees you from computers, cables, and external power—bringing tracking 3D measurement to even the most complex environments, anytime, anywhere.





Scan Straight Out of the Case Easy to Learn and Use

Equipped with intelligent sensors, it powers on and connects automatically, getting you scanning straight out of the case with no complex setup. Powered by self-developed industrial measurement software DefinSight-Inspect, it integrates intelligent guidance and automated inspection sequences to streamline workflows — so even new users can get started quickly without extensive training and easily generate standardized inspection reports.

Three Measurement Configurations No Compromises

The tracker and scanner can be used independently or together, flexibly switching between three measurement configurations. One system handles diverse measurement scenarios and needs—no need to purchase multiple devices:

Tracked Scanning

Tracker and scanner work together to efficiently scan a wide range of parts without markers;



Tracker-only Scanning

The tracker can be used independently for handheld scanning, enabling long-range, wide-area coverage for easy measurement of large parts;



Scanner-only Scanning

The scanner can be used independently for lightweight, flexible handheld scanning, reaching tight spaces and internal cavities for high-precision inspection.

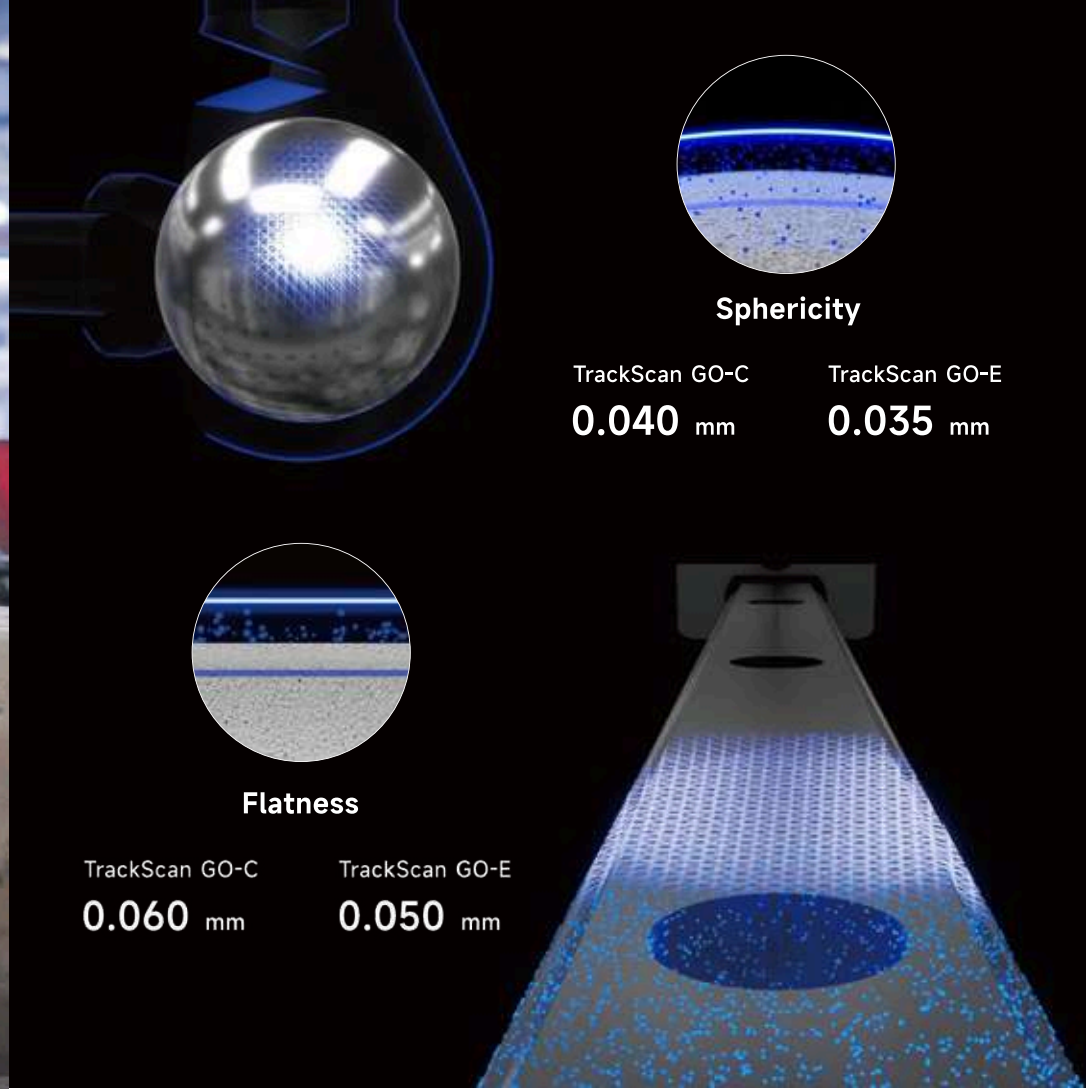


Color Camera, More Applications

Equipped with a color camera, it supports AR overlay, enabling quick CAD-to-part alignment and an intuitive view of the actual workpiece condition for fast identification of missing or incorrect assembly. Surface defects such as scratches and dents can be recorded directly onto the 3D model, merging physical condition with 3D data—making defects visible, recordable, and traceable.







One-Touch Access Dual-Screen Collaboration

Customizable buttons provide one-touch access to frequently used operations. Built-in displays on both the scanner and tracker work in sync, keeping key information right at your fingertips and making operation more intuitive and efficient.

Industrial-Grade Accuracy Stable and Reliable

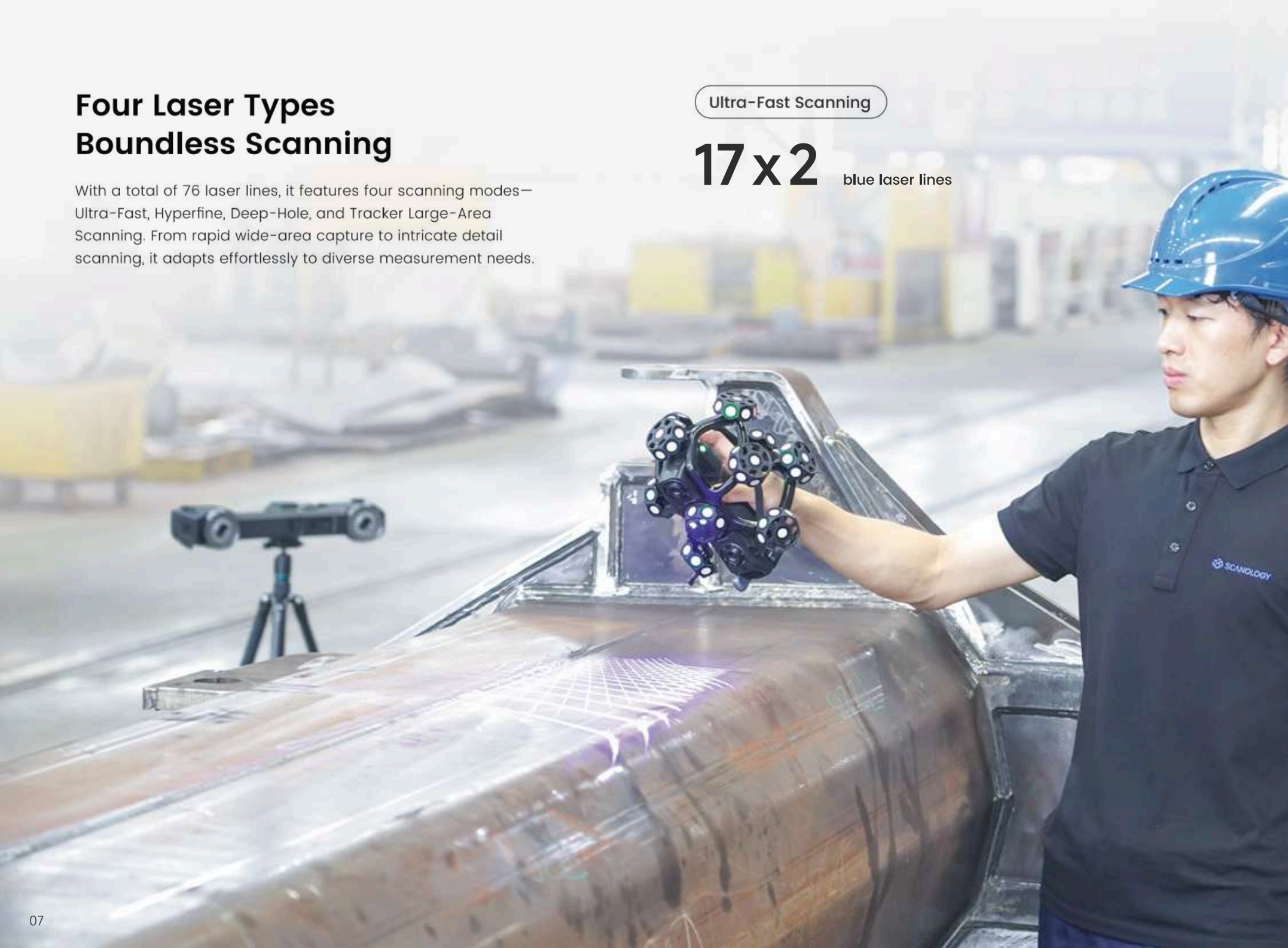
Compliant with ISO 10360-13, it employs a four-metric accuracy control system covering accuracy, volumetric accuracy, sphericity, and flatness to comprehensively safeguard measurement precision and long-term stability, meeting industrial-grade high-precision measurement requirements.

Four Laser Types Boundless Scanning

With a total of 76 laser lines, it features four scanning modes—Ultra-Fast, Hyperfine, Deep-Hole, and Tracker Large-Area Scanning. From rapid wide-area capture to intricate detail scanning, it adapts effortlessly to diverse measurement needs.

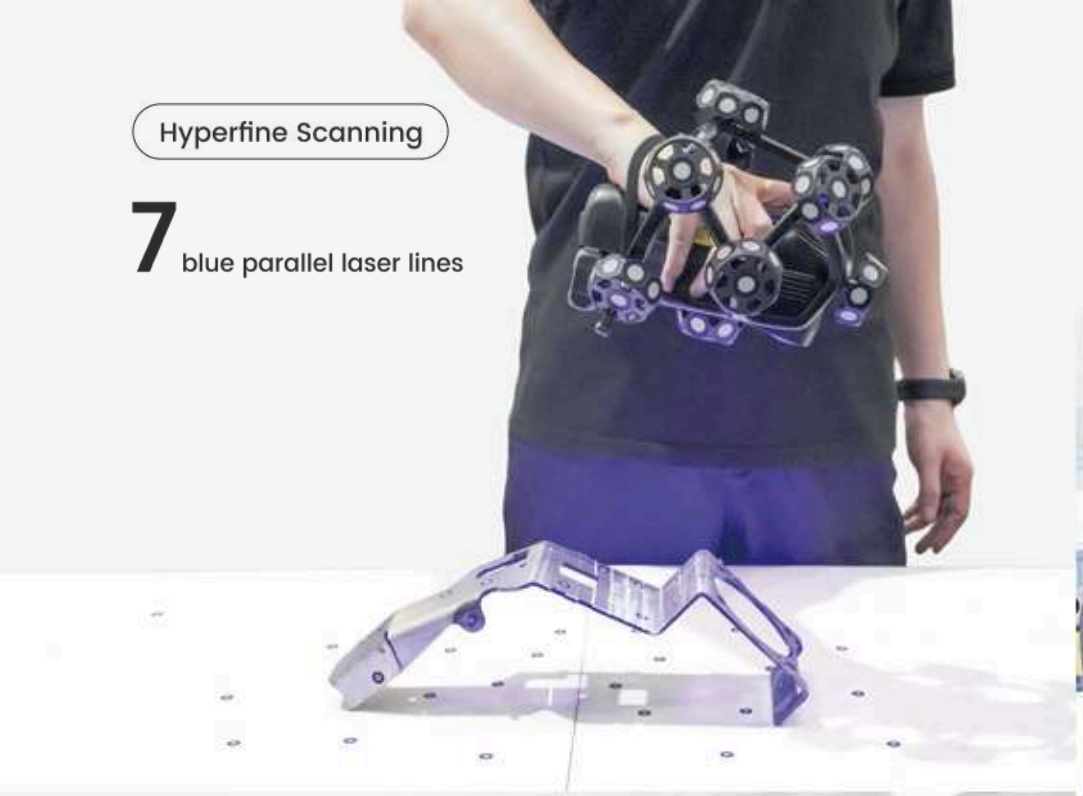
Ultra-Fast Scanning

17 x 2 blue laser lines



Hyperfine Scanning

7 blue parallel laser lines



Deep-Hole Scanning

1 extra blue laser line



Tracker Large-Area Scanning

17 x 2 blue laser lines



Type		TrackScan GO-C	TrackScan GO-E
Scan mode	Ultra-fast scanning	34 blue laser lines	
	Hyperfine scanning	7 blue parallel laser lines	
	Deep-hole scanning	Extra 1 blue laser line	
	Tracker Large-Area Scanning	34 blue laser lines	
	Photogrammetry	Adaptive photogrammetry	
Tracking distance per i-Tracker		2800 mm	3500 mm
Accuracy [1]	Tracked Scanning	Up to 0.030 mm	Up to 0.030 mm
	Scanner-only scanning	Up to 0.020 mm	Up to 0.020 mm
	Tracker-only scanning	Up to 0.075 mm	Up to 0.075 mm
Volumetric accuracy [1]	Tracked Scanning	0.064 mm	0.060 mm
	Scanner-only scanning	0.015 mm + 0.035 mm/m	0.015 mm + 0.035 mm/m
	Tracker-only scanning [2]	0.072 mm + 0.012 mm/m	0.072 mm + 0.012 mm/m
Form error (Sphere) [1]		0.040 mm	0.035 mm
Form error (Flat) [1]		0.060 mm	0.050 mm
Working distance	Scanner	150 mm ~ 450 mm, extendable up to 650 mm Hyperfine scanning: 120 mm ~ 300 mm	
	Tracker	500 mm ~ 1500 mm, extendable up to 2500 mm	
Scanning area up to	Scanner	500 mm × 600 mm	
	Tracker	2500 mm × 2000 mm	
Laser class		ClassII (eye-safe)	
Resolution up to		0.020 mm	
Measurement rate up to		6,500,000 measurements/s	
Dimension of i-Scanner		197.6 mm × 191.3 mm × 234.2 mm	
Weight of i-Scanner		860 g (Excl. Battery)	
Dimension of i-Tracker		418.6 mm × 122.1 mm × 83.9 mm	
Weight of i-Tracker		1580 g (Excl. Battery)	
Size of protection case		660 mm × 499 mm × 329 mm	
Output format		.stl, .obj, .ply, .asc, .igs, .txt, .mk2 and etc.	
Operating temperature range		-10°C–40°C	
Operating humidity range (non-condensing)		10-90% RH	
Wireless standard		Wi-Fi 6, 802.11a/b/g/n/ac/ax	
Interface mode		USB3.0 Type-C	
Patents		US10309770B2, US11060853B2, KR102096806B1, EP3392831B1, US11493326B2, EP3907702B1, US12293530B2, US12518402B2, CN109000582B, CN111694665B, CN111678459B, CN214149174U, CN214379242U, CN214379241U, CN112802002B, CN214755707U, CN114554025B, CN113514008B, CN114627249B, CN218103238U, CN115289974B, CN115325959B, CN218584004U, CN115511688B, CN115661369B, CN113074659B, CN115695763B, CN115690333B, CN113473034B, CN113432561B, CN219834226U, CN219829788U, CN116244730B, CN116206069B, CN113079269B, CN113079270B, CN113670202B, CN111932465B, CN222013042U, CN222027649U, CN222279677U, CN222317979U, CN222317980U, CN222353116U, CN222560923U, CN113593010B, CN222865846U, CN119919604B, CN119359964B, CN223461002U, CN223527609U, CN119845179B, CN116045843B, CN118857100B, CN223596816U	

(1) Performance is evaluated in accordance with JJF 1951, VDI/VDE 2634 Part 3, and ISO 10360-13 at Scanology's ISO/IEC 17025-accredited calibration laboratory.

(2) Paired with high-precision scale bar.

*Our company reserves the right to interpret and modify the parameters and images in this manual within the scope of law.

To Be A World-leading Brand of 3D Digitization

SCANOLOGY is a leading metrology brand delivering high-precision 3D measurement solutions for modern manufacturing and engineering. With more than 10 years of expertise in 3D metrology, the company has pioneered six industry-leading technological innovations and delivered advanced 3D metrology solutions to over 10,000 enterprises across more than 70 countries.

In 2025, the company went public, becoming the first publicly listed company in China's 3D scanning industry.

With its calibration laboratory accredited by CNAS, the company has also earned numerous industry recognitions, including the German Red Dot Design Award, and holds an extensive portfolio of intellectual property.

Today, the company's products are widely used across aerospace, automotive manufacturing, heavy equipment, additive manufacturing, and art and cultural heritage preservation, supporting major national projects such as the China Space Station, China's C919 passenger aircraft, and the China–Egypt joint archaeological program.

NO.1

China's No.1 *
Market Share

1st

China's 1st Publicly Listed
3D Scanning Company

400+		**70+**
Intellectual Property Rights		Countries & Regions Served
3	**3**	**7**
Global Subsidiaries	International Calibration Centers	Worldwide Offices



- Industrial-Grade Handheld Laser 3D Scanners (2021)
  Handheld and Tracking General-Purpose 3D Visual Digitalization Products (2022)

  According to a certification issued by the China Instrument and Control Society, industrial-grade handheld laser 3D scanners from SCANTECH (HANGZHOU) CO., LTD. ranked No.1 in China by market share in 2021. According to Frost & Sullivan's 2022 report, SCANTECH (HANGZHOU) CO., LTD. ranked No.1 in China's market for handheld and tracking general-purpose 3D visual digitalization products, with a 16.3% market share.

SCANTECH (HANGZHOU) CO., LTD. (HQ)

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