Technical Parameter

Type		AXE-B11	AXE-B17
Laser source		11 blue laser crosses (+1 extra bule laser line)	17 blue laser crosses (+1 extra bule laser line)
Deep hole scanning		Support	
Accuracy (1)		Up to 0.020 mm	
Measurement rate		Up to 1,300,000 measurements/s	Up to 2,000,000 measurements/s
Scanning area		Up to 550 mm × 600 mm	Up to 860 mm × 600 mm
Scanning area (photogrammetry)	Standard configuration	Built-in	
	Scanning area	2500 mm x 3000 mm	3760 mm × 3150 mm
	Depth of field	2500 mm	
Laser class		CLASS II (eye-safe)	
Resolution		0.025 mm	
Volume accuracy (2)	Work alone	0.020 mm + 0.035 mm/m	0.020 mm + 0.030 mm/m
	Work with 1m reference bar	0.020 mm + 0.020 mm/m	
	Work with MSCAN-L15	0.020 mm + 0.015 mm/m	
Stand-off distance		300 mm	
Depth of field		500 mm	
Output formats		.stl, .ply, .obj, .igs, wrl, .xyz, .dae, .fbx, .ma, .asc or customized	
Operating temperature range		-10°C – 40°C	
Interface mode		USB 3.0	
Patents		CN204329903U, CN104501740B, CN104165600B, CN204988183U, CN204854633U, CN204944431U, CN204902788U, CN105068384B, CN105049664B, CN204902784U, CN204963812U, CN204902785U, CN204902790U, CN106403845B, CN209197685U, CN209263911U, CN106500627B, CN106500628B, CN206132003U, CN211121096U, US10309770B2, KR102096806B1, EP3392831A4	

(1) ISO 17025 accredited: Based on VDI/VDE 2634 Part 3 standard and JJF 1951 specification, probing error (size) (PS) performance is evaluated.
(2) ISO 17025 accredited: Based on VDI/VDE 2634 Part3 standard and JJF 1951 specification, sphere spacing error (SD) performance is evaluated.

SCANTECH™

AXE – B17 3D Scanner

Measuring An Ultra-wide 3D world

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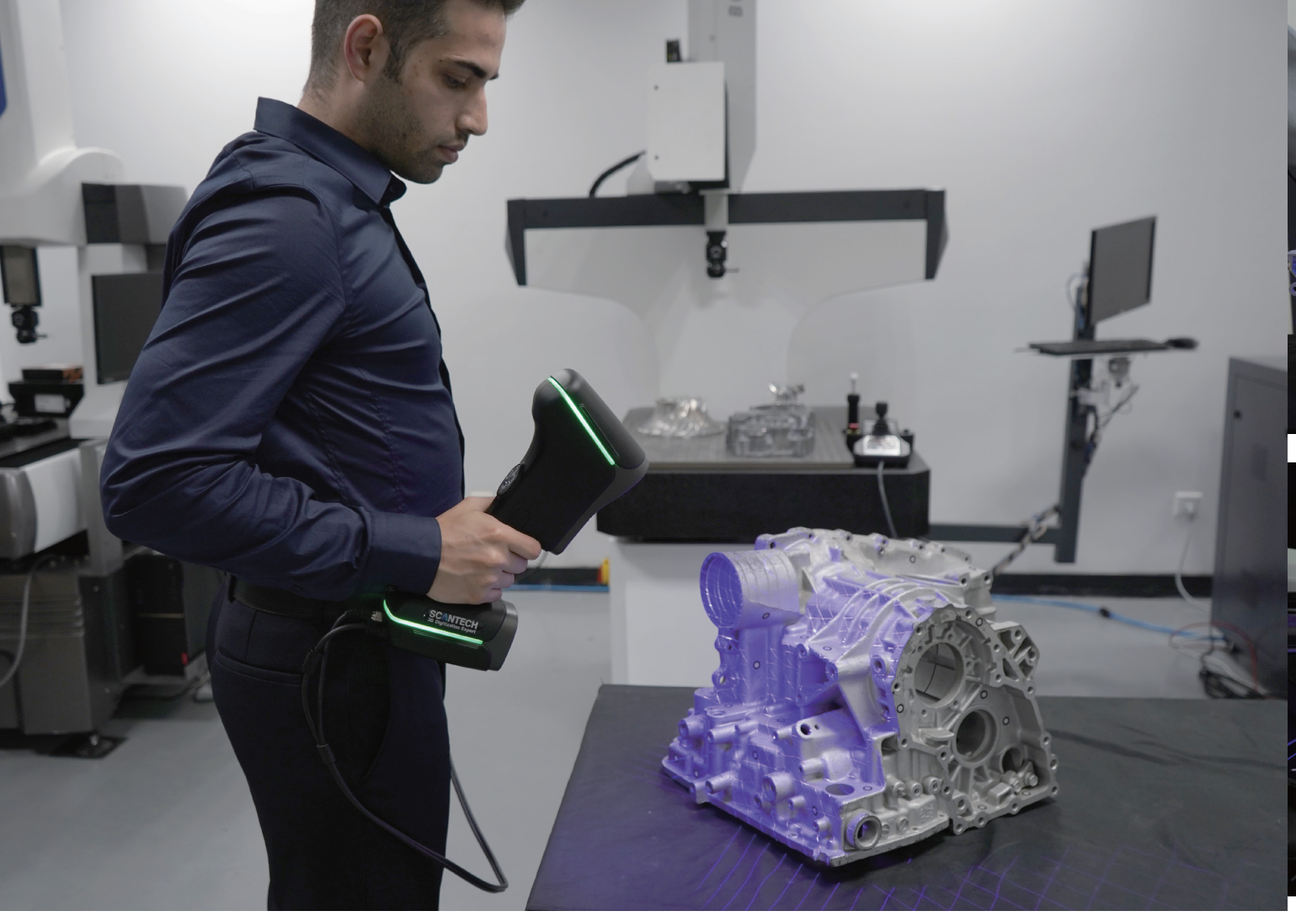
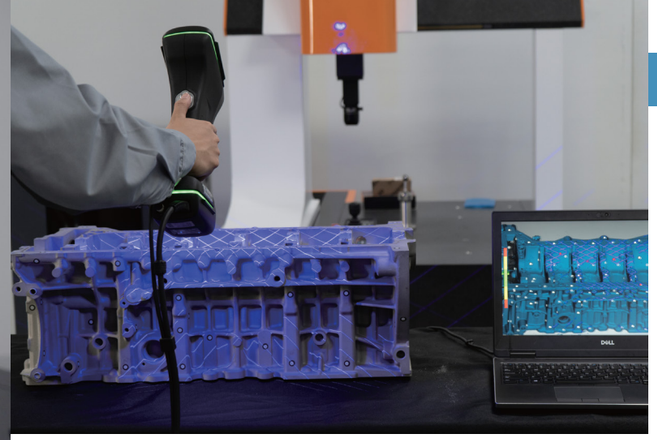
SCANTECH™

SCANTECH (HANGZHOU) CO., LTD



AXE-B17 3D scanner utilizes optical measurement technology with a scanning speed of 2,000,000 measurements/s, quickly capturing 3D data of the object and getting precise deviations on the geometric surface.

With global initiative built-in photogrammetry system, AXE-B17 outputs ultra-large scanning area and metrology-grade measurement accuracy. Getting rid of limitations like size, shape, material and complexity of the object, AXE-B17 can freely choose working modes of efficient unrivaled-speed scanning and accurate deep hole scanning. It generates high precision 3D inspection of medium to large-sized projects without the aid of extra devices.



Extreme-fast Response

17 crossed blue laser lines enable extreme fast and precise response with 2,000,000 measurements/s, offering extraordinary work efficiency.

Flexible Switching

Working modes are capable of freely switching based on scanning needs: efficient unrivaled-speed scanning; accurate deep hole scanning, dealing with intricate positions like deep holes and dead angles.

Unprecedented Patent

The global initiative built-in photogrammetry system is tailored for measuring medium to large-sized objects, with 0.030 mm/m of volumetric accuracy.

Ultra-wide Vision

Ultra-wide scanning area of 860 mm × 600 mm allows an optimal and smoother 3D scanning experience.