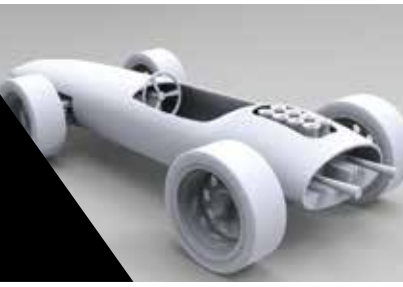



All-round 3D Digital Solution

ScanTech 3D measurement systems offer professional measurement technologies for variety industries

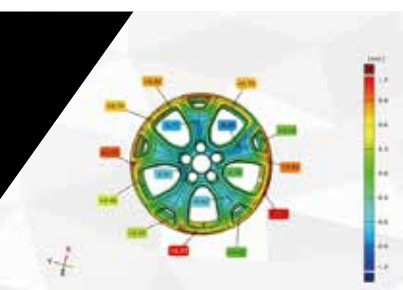
Rapid Prototyping




Reverse Engineering



3D Inspection



3D Visualization





公司简介

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.

Our 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.

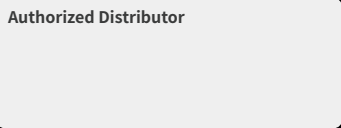
HSCAN 3D Scanner

Entry-level Portable 3D Measurement



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HSCAN

HSCAN701 3D scanner applies dynamic optical theory to realize efficient 3D scanning for small-to-large sized objects. The accurate data output capability fulfills product development, quality inspection and other requirements. With independent intellectual property rights and technology patents, HSCAN701 is super cost-effective. It has stable performance and can quickly complete a variety of complex scanning tasks. It is an optimal choice for entry-level 3D measurement.

Dynamic Optics

Based on theory of dynamic optic, users can individually adjust the relative positions between the 3D scanner and the object.

Fast Transmission

With 7 crossed red laser lines, HSCAN701 performs 480,000 measurements/s to reach fast data transmission.

0.030 mm Accuracy

HSCAN701 delivers single-frame measurement accuracy of 0.030 mm. It is insensitive to shiny, black, metal material objects; the single red laser can easily scan holes and dead angles.

User-friendly

Intelligent tracking algorithm and real-time data processing make HSCAN701 an essential product for entry-level 3D measurement.

HSCAN Technical Parameter	
Type	HSCAN701
Laser source	7 red laser crosses (+1 extra red laser))
Deep hole scanning	Support
Accuracy	0.030 mm
Measurement rate	480,000 measurements/s
Scanning area	275 mm × 250 mm
Laser class	CLASS II (eye-safe)
Resolution	0.030 mm
Volumetric accuracy	0.020 mm + 0.060 mm/m
Volumetric accuracy (with MSCAN-L15)	0.020 mm + 0.015 mm/m
Output Formats	.stl, .ply, .obj, .igs, wrl, .xyz, .dae, .fbx, .ma, .asc or customized
Operating Temperature Range	-10 ~ 40°C
Interface Mode	Gigabit Lan
Patents	CN204854633U, WO2017028600, CN105068384, WO2017020648, CN204854633U, CN105049664, CN204902785U, CN104501740 ,CN204944431U, WO2017024869, CN204963812U, CN106403845, WO2018049843, CN106500627, WO2018072434, CN106500628, US10309770B2 WO2018072433, CN206132003U, US10309770B2

