



# ATLASCAN

Multi-Mode, Versatile  
Metrology-grade 3D scanner





## Multiple Measurement Technology

- World innovation hole flash capture technology
- Extra hole measurement feature, give chance to scan various hole sizes instantly
- Simple and powerful software, to provides efficient tools to meet the measurement and inspection request for 3D scan data

# ATLASCAN

AtlaScan 3D laser scanner is ZG new generation of revolutionary products. In addition to all the advantages of similar products on the market, the most outstanding feature of AtlaScan 3D has been optimized hardware and software give a large scanning range, high accuracy and resolution, to scan various materials, and provide efficient high quality scan in any difficult environments.



## Adaptability

- Multi-Mode,one device for scan black, multicolored and shiny surfaces easily
- Dual smart HDR exposure mode,easy to scan black and white mixed color components
- Higher volumetric accuracy,gives the opportunity to scan various object sizes and complex surfaces



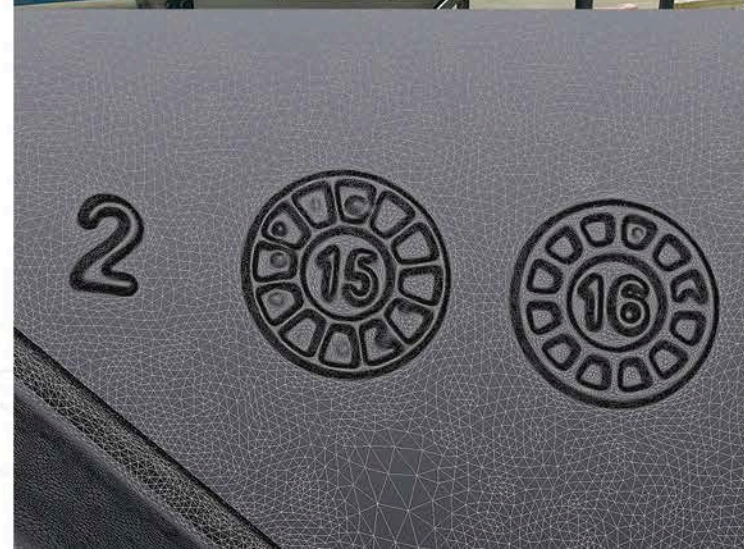
## High efficiency

- Large scanning area of up to 500×550mm
- 5 numbers laser provide total 41 laser lines, the only scanner with 13 laser crosses
- Scan-to-mesh in seconds , scanning speed of up to 1,600,000measurements/s

- 26 laser lines**  
To improve scanning efficiency dramatically
- Extra Single laser**  
To scan the place hard-to-reach well
- Extra 14 laser lines**  
To feature more detail
- Hole flash capture technology**  
To instant capture hole data accurately
- Stand-off Distance**  
Colorful Indicator guide user keep best distance during scanning
- Multi-button**  
Shortcut for common function
- Ergonomic design**  
Impressive experience
- Interface USB3.0**  
Stable connection and efficient transmission

## Ultra fine detail scan

- High resolution for fine detail up to 0.01mm
- Powerful mesh optimization, offering more realistic fine detail and edge data
- Setting high resolution only for fine details, to simplify heavy data meanwhile keeping fine details
- 14 laser lines of fine mode, bring higher efficient fine scanning
- Rendering and optimization in real time, provide fine detail visualization during scanning



# Technical Specifications

## ATLASCAN

MODEL	Standard Mode	Fine Mode
MEASUREMENT RATE	1,600,000 measurements/s	900,000 measurements/s
SCANNING AREA	up to 500×550mm	
LIGHT SOURCE	26 blue laser lines(+extra 1 line)	14 blue laser lines
LASER CLASS	Class II (eye-safe)	
RESOLUTION	up to 0.02mm	up to 0.01mm
ACCURACY	up to 0.02mm	up to 0.01mm
VOLUMETRIC ACCURACY	0.02+0.04mm/m	—
VOLUMETRIC ACCURACY (combined with PhotoShot)	0.02+0.025mm/m	—
STAND-OFF DISTANCE	350mm	200mm
DEPTH OF FIELD	up to 450 mm	
WEIGHT	1.0KG	
DIMENSION	138×295×72 mm	
CONNECTION STANDARD	USB 3.0	
OPERATING TEMPERATURE	-20~40°C	
OPERATING HUMIDITY RANGE (NON-CONDENSE)	10~90%	
OUTPUT FORMATS	.stl, .obj, .asc, .ply, .txt, .xyz etc., customizable	
COMPATIBLE SOFTWARE	3D Systems (Geomagic Solutions)、InnovMetric Software (PolyWorks)、 Dassault Systemes (CATIA V5 / SolidWorks)、PTC (Pro / ENGINEER)、 Siemens (NX / Solid Edge)、Autodesk (Inventor、Alias、3ds Max、Maya、Softimage).	



3D CAD/CAM TECHNOLOGY Ltd. - TURKIYE | A 3D SCANNER & 3D PRINTER Company  
( Since 1993 ) Yalı yolu sok.İsmail Ergin is merkezi No;52/A 8- 9 Ustbostancı | 34744  
Istanbul | TURKEY | +9 0216 3803948 | +9 0216 3803288 | Fax : +9 216 3800118

**ZG Technology Co., Ltd.**

Address: BLDG A17-3, NO.555, WenHua Ave, Hongshan District, Wuhan, TW | P.C.: 430061