

FOR MORE SHINING IDEAS

All-in-one 3D Scanning and 3D Printing Solutions from SHINING 3D
Creating value along the Digital Manufacturing process chain



FOR MORE **SHINING** IDEAS

Since its foundation in 2004, SHINING 3D is operating at the forefront of 3D digital technological innovation. Boasting extensive knowledge in 3D digitizing and 3D printing, combining cutting-edge hardware, designed to meet the needs of diverse applications, with innovative software solutions make SHINING 3D the one-stop partner for all-in-one 3D scanning.

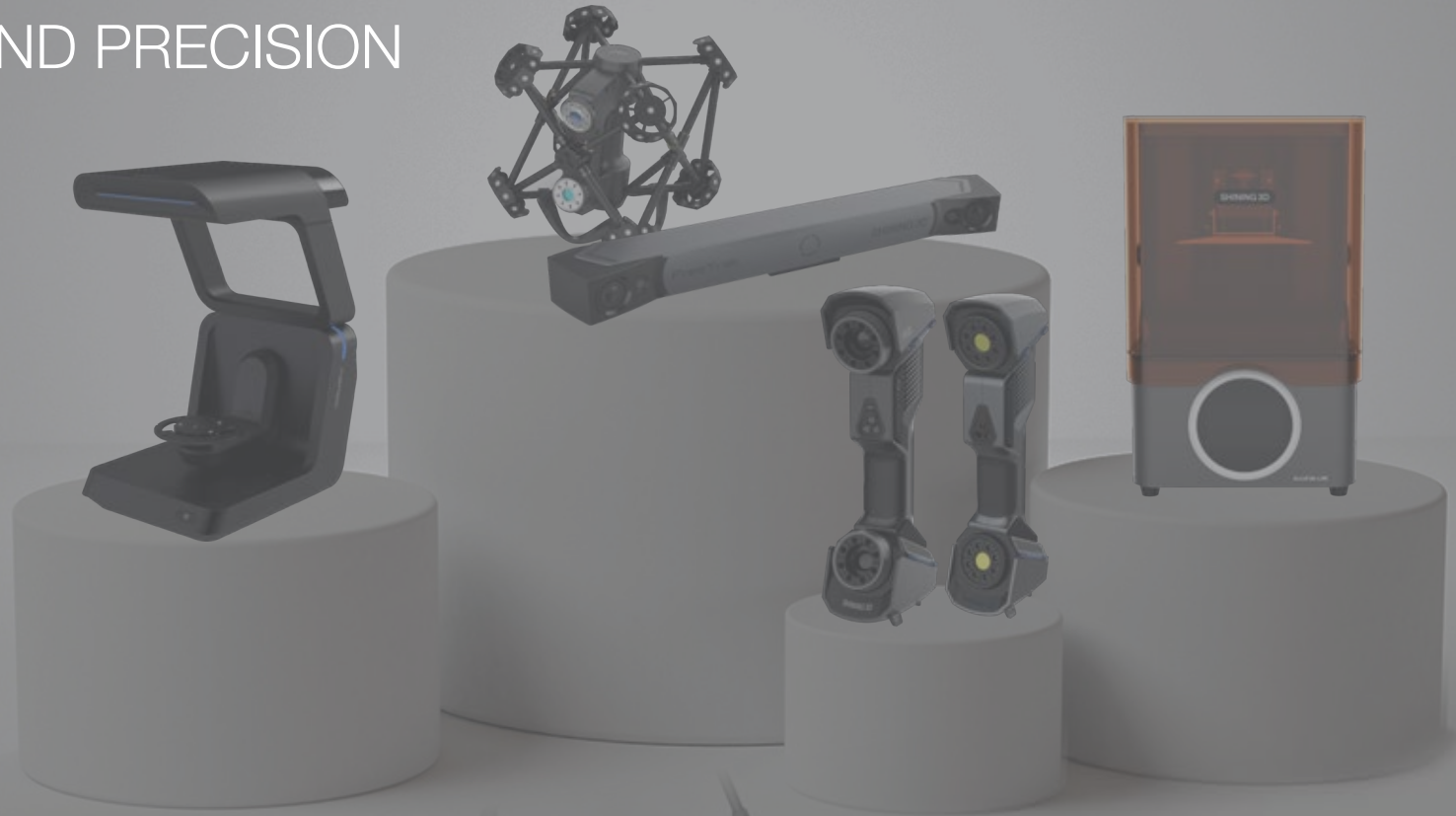
To date, SHINING 3D products are reliable tools for individuals, businesses and large-scale enterprises across the world and in a diverse range of industries and applications. Our ability to listen to our customers and directly implement their requirements in the process of product development keeps us innovating and always challenging the impossible.

Staying true to our goal of enabling everyone to efficiently and easily achieve their 3D project along the digital production workflow, our products are accessible and easy to use.

Thousands of 3D scanners globally sold express the popularity, reliability and reputation SHINING 3D enjoys internationally. From our Regional Offices we serve our customers in the APAC Region (Hangzhou, China), EMEA (Stuttgart, Germany) and AMERICAS (San Francisco, CA and Tampa, FL, USA). An ever-growing network of professional resellers and distribution partners secures the availability of SHINING 3D technologies in local markets.

3D Metrology

GOING BEYOND PRECISION



SHINING 3D's line of diverse high-end metrology 3D digitizing products is designed to meet the needs of the most demanding customers and most challenging applications. From the tiniest screw to the biggest rocket engine – SHINING 3D's metrology solutions got you covered for your high-precision acquisition of authentic 3D data, reverse engineering and quality control.

KEY FEATURES

EASY TO USE

All devices of the SHINING 3D Metrology line are easy to operate and combined with an assistive 3D scanning software guiding the user through the whole set up and data acquisition workflow. The system is open and compatible with all major 3D processing and inspection softwares in the market, so that users can easily integrate the SHINING 3D Metrology device into their already existing workflow. Thanks to the easy handling, complicated and time-consuming training becomes obsolete as users can get started with scanning upon unboxing.

CERTIFIED

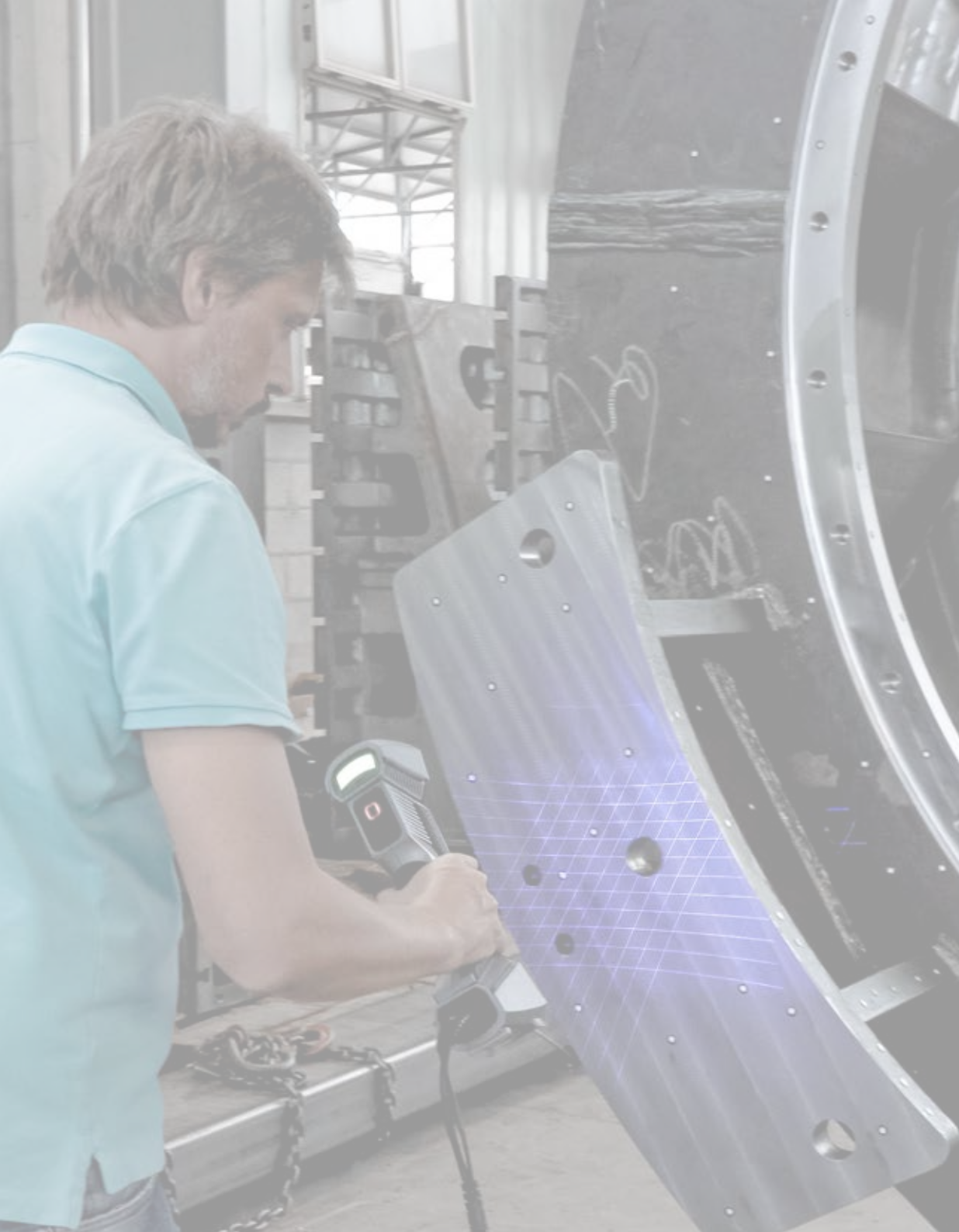
The accuracy of SHINING 3D Metrology devices is certified according to VDI-VDE 2634 part 3.

RELIABLE

Consistent results guarantee the quality of acquired data. With dedicated warranty plans, customers can secure constant productivity and ongoing efficiency. The international support team is available for customers around the globe.

PROFESSIONAL

To date, SHINING 3D Metrology products are applied in a diverse field of industries supporting engineers and quality managers to tackle the most challenging applications along the digital engineering and inspection workflow.



FreeScan UE Series

FREEDOM FOR YOUR BUSINESS

The FreeScan brand has a proven track record of capturing 3D data with high precision and accuracy. Simultaneously, its light weight and ergonomically formed silhouette make it easy to hold and operate.

FreeScan is the ideal device for metrology-grade high-accuracy inspection solutions in all types of industrial engineering and inspection applications. Opting for FreeScan means opting for freedom of materials that can be scanned, sizes of objects to be tamed and catching all details digitally.



High-Precision 3D Scanning

ALL ABOUT THE DETAILS

Blue Light Metrology 3D scanning technology is able to precisely capture small and filigree details of tiny to medium-sized objects, rigidly requiring persistent performance in their product lifecycle.

High-Precision 3D scanners from the SHINING 3D Blue Light Metrology line-up are the ideal assistants for fast and efficient single piece capturing, but also for integration in automated factory workflows.



AutoScan Inspec

AUTOMATIC DESKTOP
3D INSPECTION SCANNER



OptimScan-5M

HIGH-PRECISION
3D INSPECTION SCANNER



RobotScan E0505

ROBOT AUTOMATIC
3D SCANNING SYSTEM

EAN NO.

6970163083698

6970163089164

SKU: 130205-000152

TECHNOLOGY

Structured Light (Blue)

Structured Light (Blue)

Structured Light (Blue) or
Laser Light

ACCURACY

Up to 0.01mm

Up to 0.005mm

Up to 0.015mm

POINT DISTANCE

0.05mm

Up to 0.04mm

0.16mm

COLOR

No

No

FIXMODE

Supported

Supported

Supported

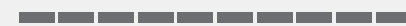
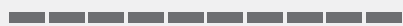
ACCURACY



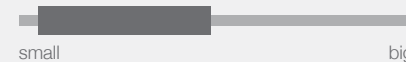
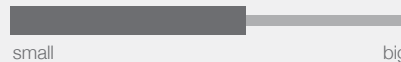
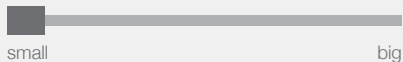
RESOLUTION/DETAILS



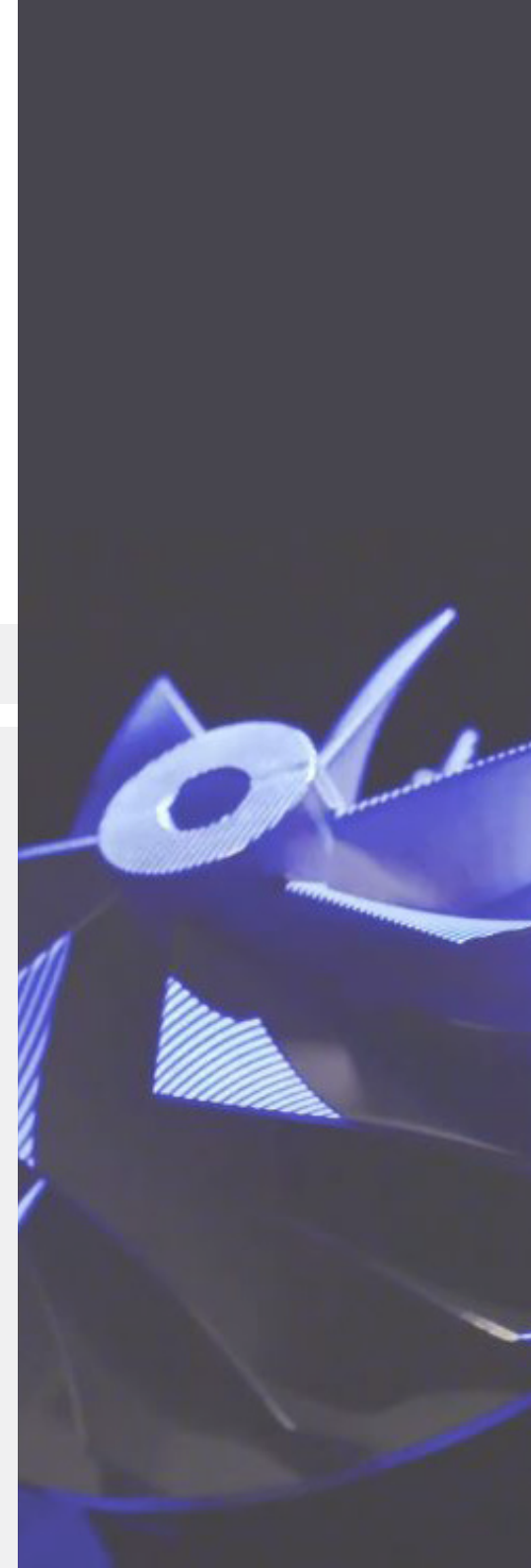
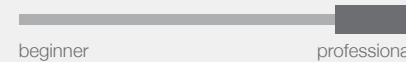
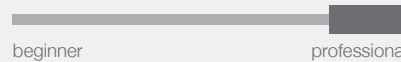
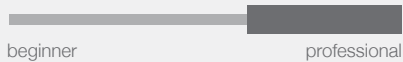
SPEED



OBJECT SIZE



USER LEVEL



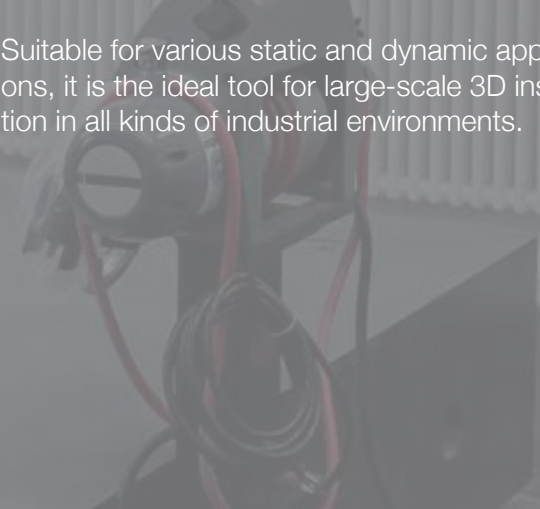
A person wearing a black beanie and a dark jacket is crouching in a room with large windows. They are holding a handheld 3D scanner, which is a complex mechanical device with multiple sensors and a camera. A monitor is mounted on the wall, displaying a 3D model of a car. The scanner is pointed towards a white car model on a table.

FreeScan Trak

OPTICAL COORDINATE MEASURING

Optical Coordinate Measuring Systems capture the spatial position of a scanned structure in real time, offering a portable, efficient and reliable 3D measurement solution. The system helps the operator to avoid the application of reference points and thus enables a simple acquisition of medium to large-sized objects' 3D data with metrology-grade accuracy.

Suitable for various static and dynamic applications, it is the ideal tool for large-scale 3D inspection in all kinds of industrial environments.

A close-up view of the FreeScan Trak system components on a table. It includes a handheld scanner, a monitor, and various cables. The scanner is a complex mechanical device with multiple sensors and a camera. The monitor displays a 3D model of a car.



FreeScan Trak

PORTABLE WIRELESS CMM
SCANNING SYSTEM

EAN NO. 6970163082530

TECHNOLOGY 7 Blue Laser Crosses,
Single Blue Laser Line

ACCURACY Up to 0.030mm

POINT DISTANCE 0.1mm-3mm

COLOR No

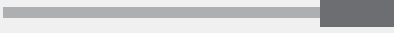
FIXMODE No

ACCURACY 

RESOLUTION/DETAILS 

SPEED 

OBJECT SIZE 
small big

USER LEVEL 
beginner professional



