



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, 3D inspection solutions and 3D printing.

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.



ElnScan MX

SHINING 3D

TDI

EinScan

SIMPLE, VERSATILE & EFFICIENT



EinScan embodies simple operation and versatile application in a highly efficient 3D scanning device. Since the launch of the first EinScan 3D scanner in 2015, EinScan has become the go-to 3D scanner brand for many different user groups, from makers and small businesses to engineering departments in multinational companies.

KEY FEATU RES

EASY TO USE

EinScan 3D scanners are easy to use, for non-technical and professional users alike. Every step of the 3D scanning workflow is guided in the software and accompanied by clear instructions.

HIGH SPEED

3D data can be captured quickly and easily.

HIGH ACCURACY

All EinScan 3D scanners boast extraordinary accuracy capacities in their respective range.

UNLIMITED SEATS

Install the ExScan Software on as many computers as you want and benefit from consistent updates.

COMPATIBLE WITH 3D PRINTERS AND MAINSTREAM DESIGN & MODELING SOFTWARES

The ExScan software has all the relevant data output formats to accommodate further data processing with a broad range of design, engineering, inspection and 3D printing softwares

EinScan S Series

THE EVOLUTION OF DESKTOP 3D SCANNERS

EinScan-SE (Elite) and EinScan-SP (Platinum), enable easy and fast multifunctional 3D data capturing. Their convenient handling and the comprehensible software qualify them as friendly multitasking assistants for pupils and beginners.

EinScan-SE and EinScan-SP offer unique characteristics meeting a broad range of requirements, e.g. various scanning modes, wide scanning range and capturing color. 3D scanning has never been easier and more efficient to get started with.

SHINING3D



EinScan-SE V2

A POWERFUL COMPANION FOR EDUCATORS AND INDIVIDUALS



EinScan-SP V2

THE EXPERT CHOICE WITH ENHANCED EXPERIENCE

EAN NO. 6970163088112

6970163088129

TECHNOLOGY	Structured Light	Structured Light
ACCURACY	0.1 mm	0.05 mm
POINT DISTANCE	0.17 mm ~ 0.2 mm	0.17 mm ~ 0.2 mm
COLOR	Yes	Yes
FIXMODE	Supported	Supported
ACCURACY		
RESOLUTION/DETAILS		
SPEED		
OBJECT SIZE		
USER LEVEL		



EinScan Pro-Series EinScan H-Series

MEET THE ICONS OF 3D SCANNING

EinScan-Pro Series 3D scanners boast multi-functionality and modular design enabling operators the use in handheld or fixed scan mode, with or without color scanning option. EinScan Pro Series 3D scanners deliver unparalleled performance in capturing high resolution and accuracy in handheld scanning mode. Users relying on high-quality 3D data find an uncompromisingly powerful and efficient device to challenge even the unknown frontiers.

H IS FOR HYBRID

The EinScan H Series of Hybrid Light source Handheld 3D Scanners innovatively integrate the proven EinScan LED light scanning technology with a second light source predestining the devices for a broader range of challenging applications.





EinScan H

HYBRID LED & INFRARED
LIGHT SOURCE HANDHELD 3D SCANNER



EinScan HX

HYBRID BLUE LASER & LED
LIGHT SOURCE HANDHELD 3D SCANNER



EinScan Pro HD

MULTIFUNCTIONAL HANDHELD
3D SCANNER



EinScan Pro 2X 2020

MULTIFUNCTIONAL HANDHELD
3D SCANNER

EAN NO. 6970163080208

6970163080604

6970163080956

6970163081663

TECHNOLOGY

Structured Light,
Infrared Light

Structured Light,
7 Blue Laser Crosses

Structured Light

Structured Light

ACCURACY

Up to 0.05mm

Up to 0.04mm

Up to 0.04mm

Up to 0.04mm

POINT DISTANCE

0.25mm - 3mm

0.05mm-3mm

0.2 mm-3 mm

0.16mm-3mm

COLOR

Yes

Yes

Yes (with color pack)

Yes (with color pack)

FIXMODE

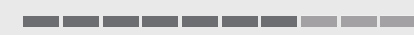
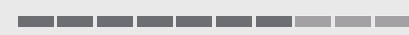
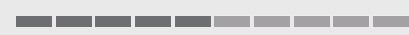
No

No

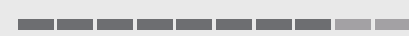
Supported with Industrial Pack

Supported with Industrial Pack

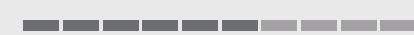
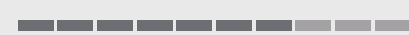
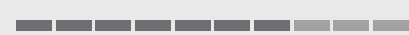
ACCURACY



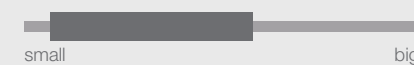
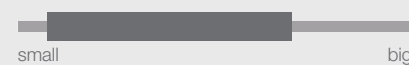
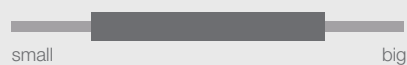
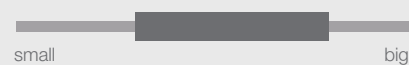
RESOLUTION/DETAILS



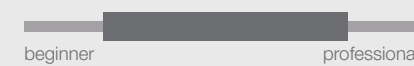
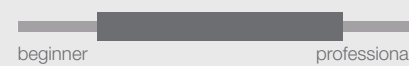
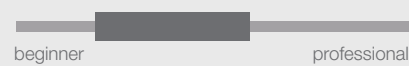
SPEED



OBJECT SIZE

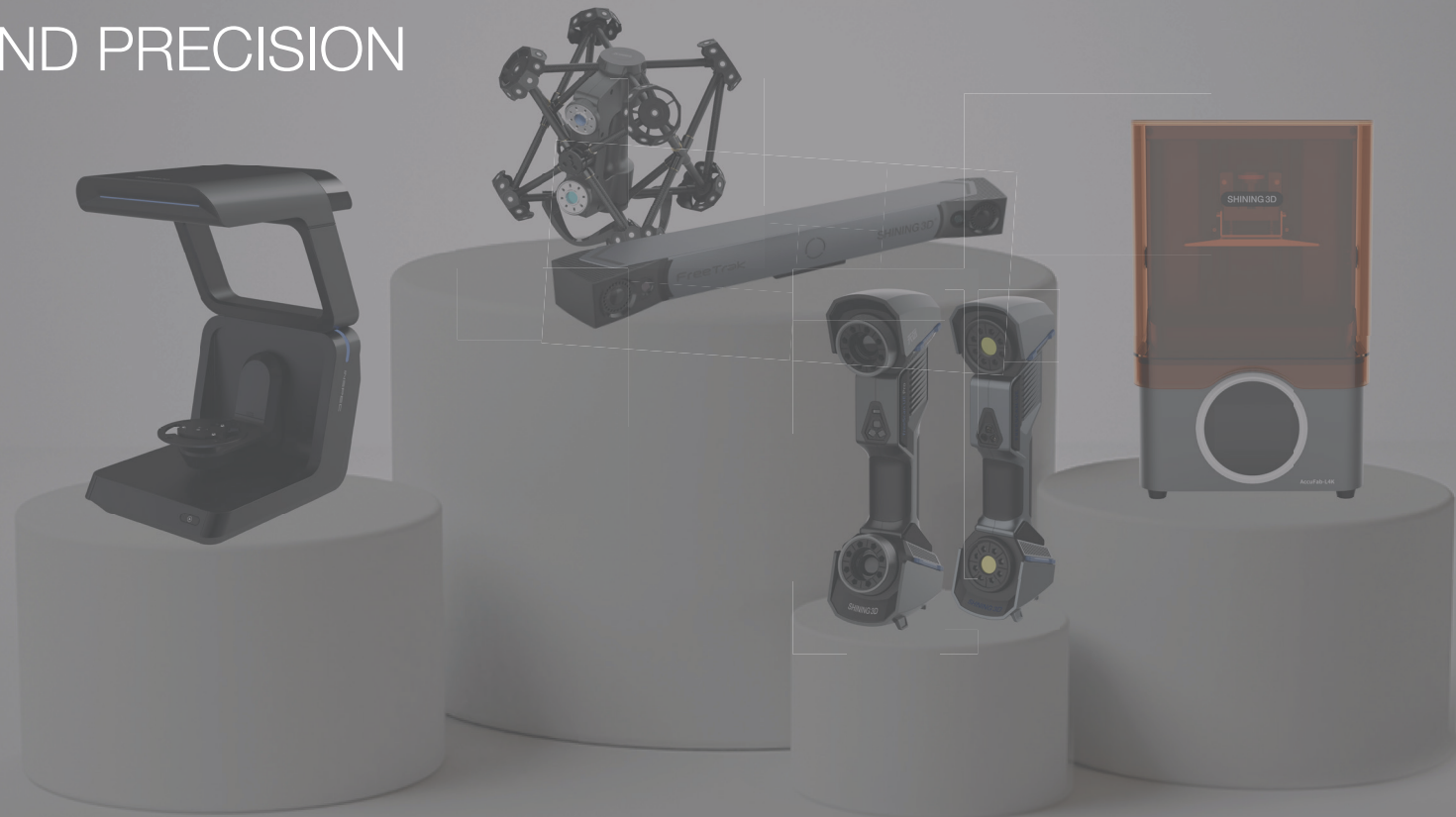


USER LEVEL



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 FEATU RES

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

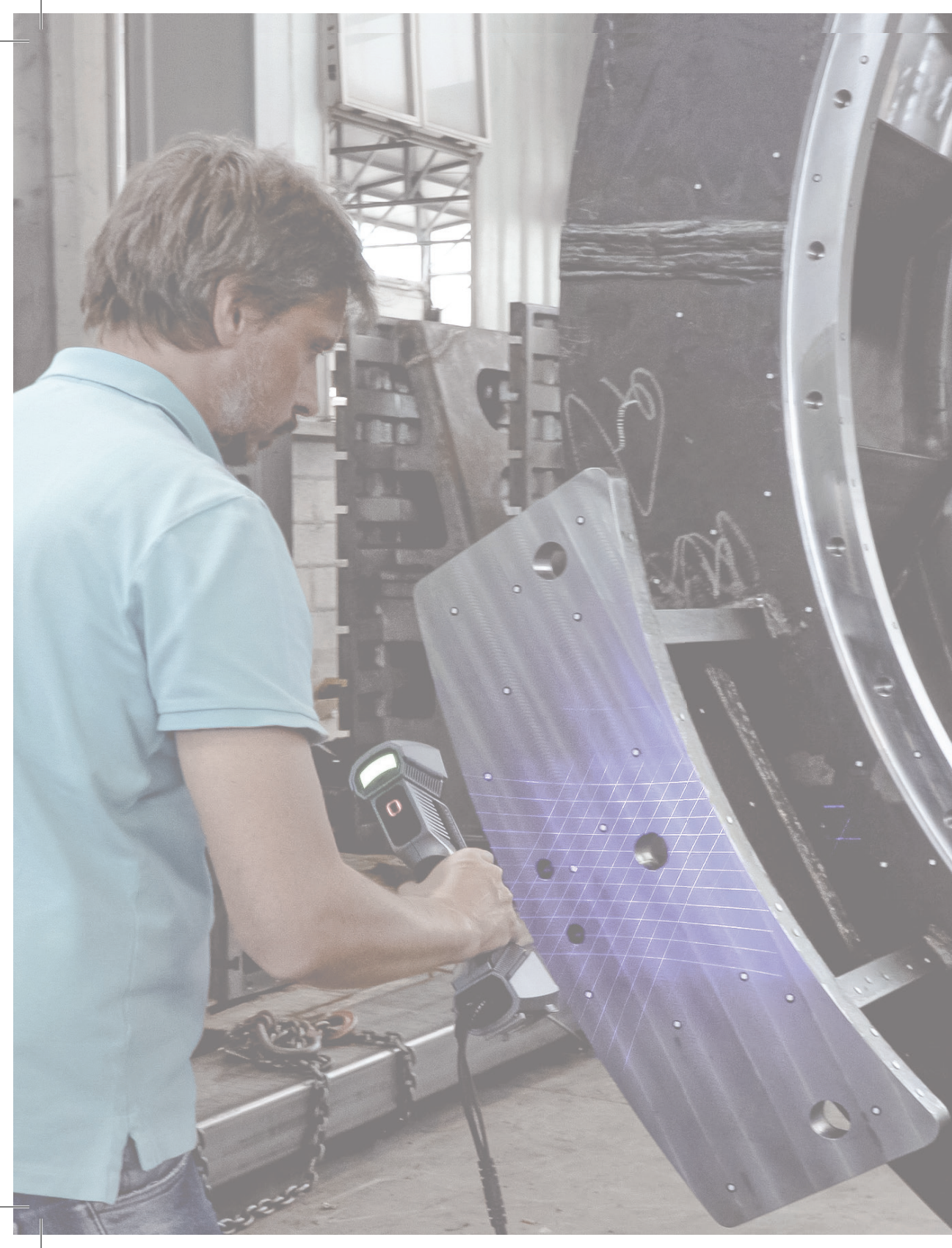
The accuracy of SHINING 3D Metrology devices is certified according to VDI-VDE 2634 part 3.

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.



FreeScan UE7

BLUE LASER HANDHELD 3D SCANNER



FreeScan UE11

BLUE LASER HANDHELD 3D SCANNER



FreeScan UE Pro

BLUE LASER HANDHELD 3D SCANNER

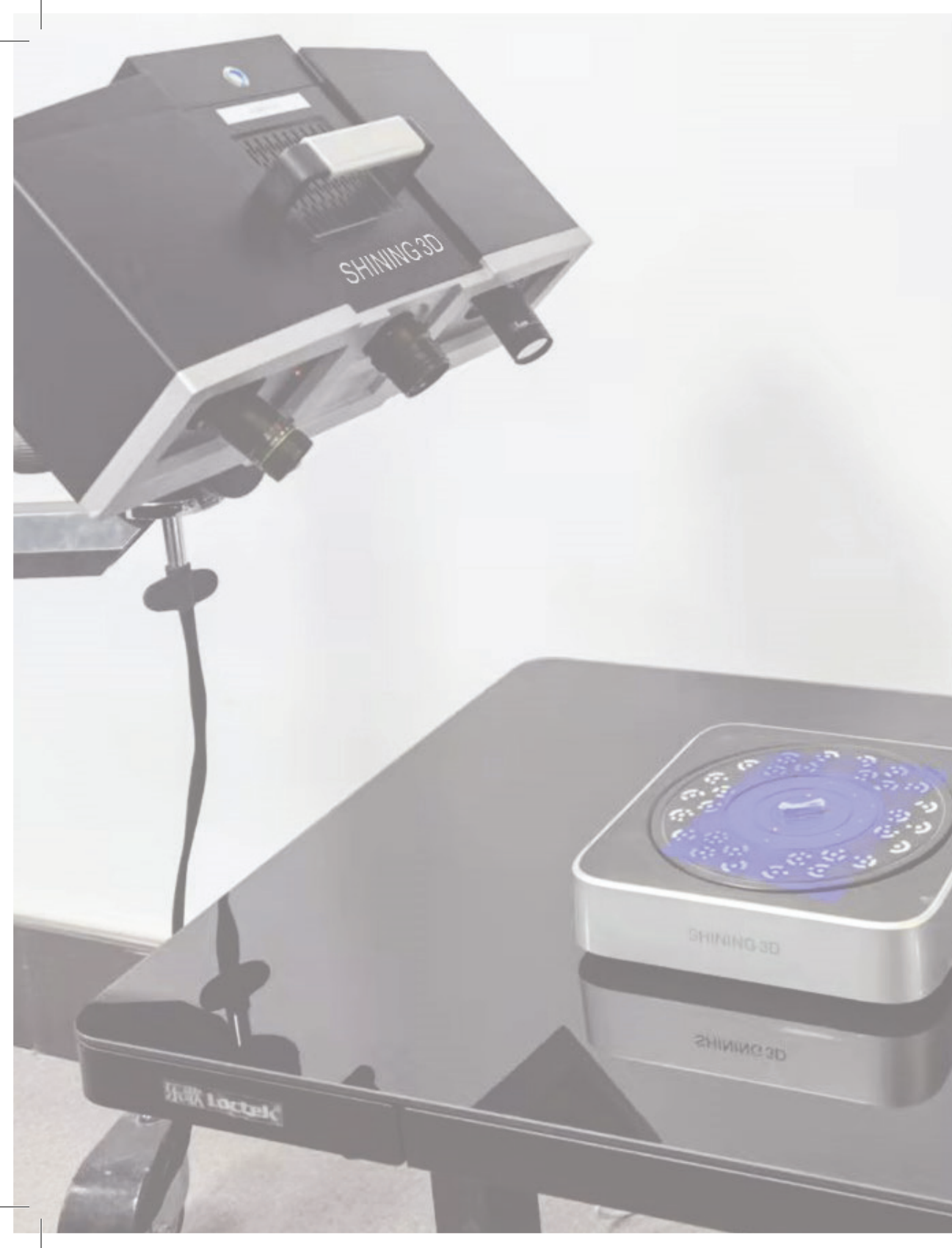
EAN NO. 6970163089096

6970163088082

6970163088983

TECHNOLOGY	7 Blue Laser Crosses, Single Blue Laser Line	11 Blue Laser Crosses, Single Blue Laser Line	13 Blue Laser Crosses, 5 Hyperfine Laser Lines, Single Blue Laser Line
ACCURACY	Up to 0.02mm	Up to 0.02mm	Up to 0.02mm
POINT DISTANCE	0.05mm-3mm	0.05mm-3mm	Up to 0.025mm
COLOR	No	No	No
FIXMODE	No	No	No
PHOTOGRAMMETRY	No	No	Yes
ACCURACY			
RESOLUTION/DETAILS			
SPEED			
OBJECT SIZE			
USER LEVEL			



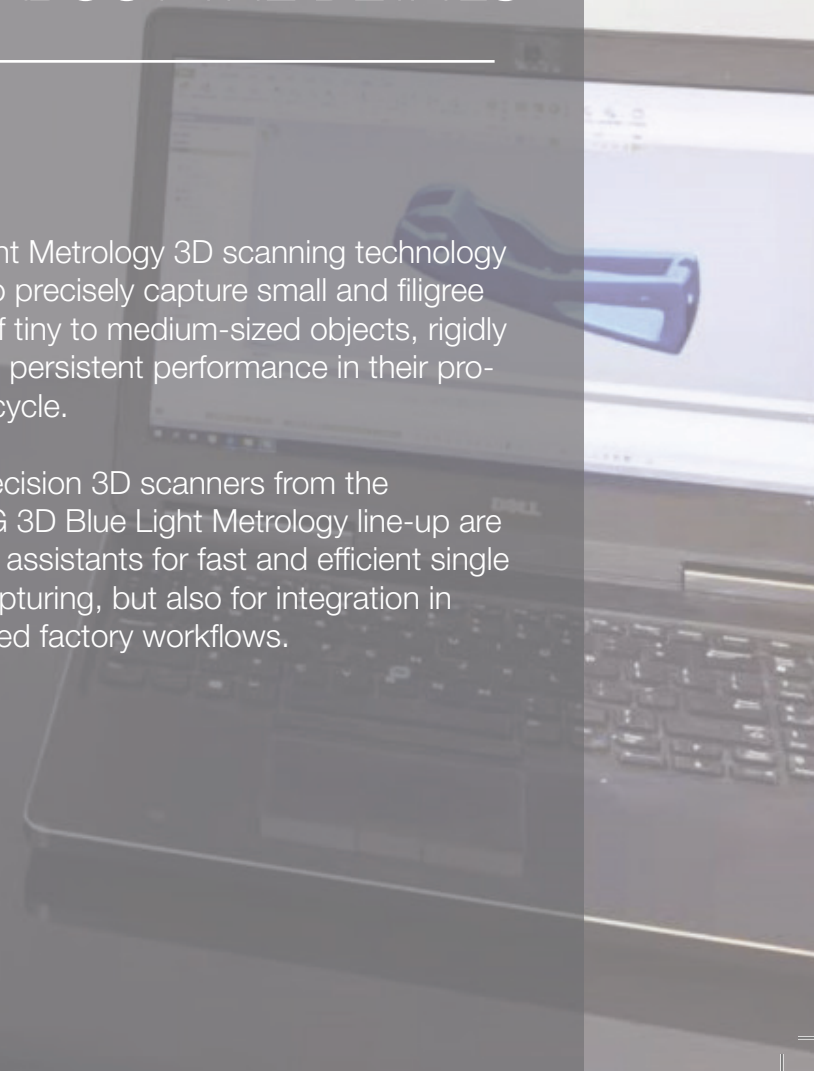


High-Precision 3D Scanning

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

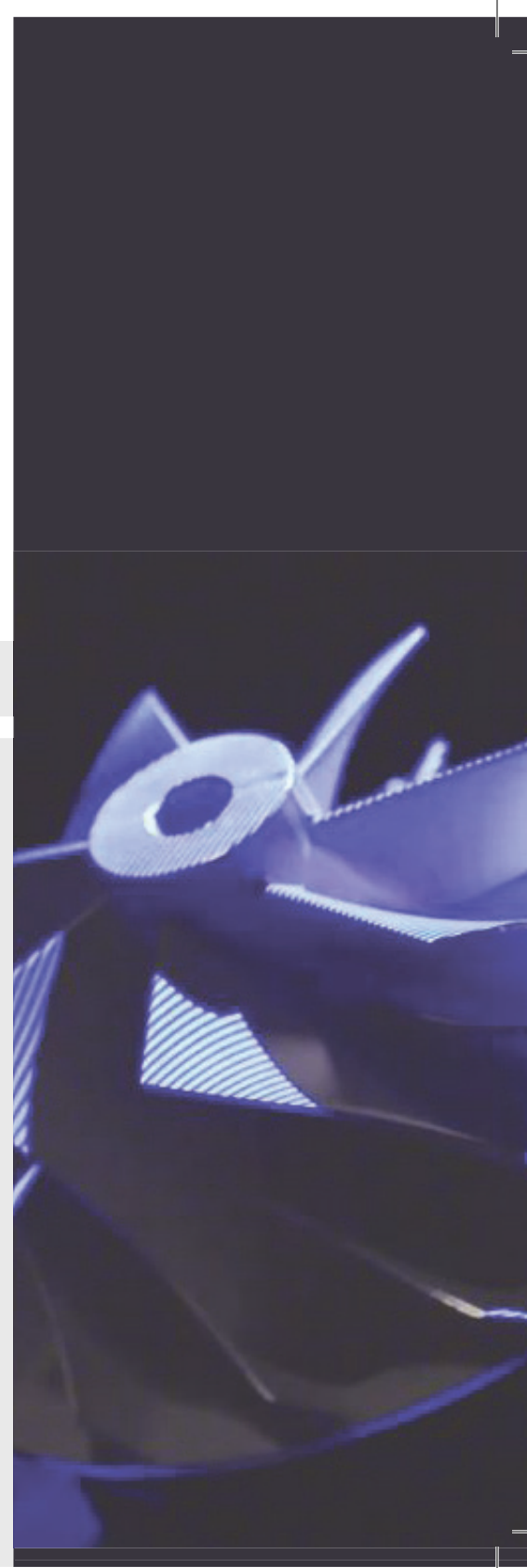
ROBOT AUTOMATIC
3D SCANNING SYSTEM

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	<div style="display: flex; align-items: center;"> <div style="width: 10%; height: 10px; background-color: black; margin-right: 5px;"></div> <div style="flex-grow: 1; border-bottom: 1px solid black; position: relative;"> <div style="position: absolute; left: 0; bottom: -5px; font-size: 8px;">small</div> <div style="position: absolute; right: 0; bottom: -5px; font-size: 8px;">big</div> </div> </div>	<div style="display: flex; align-items: center;"> <div style="width: 30%; height: 10px; background-color: black; margin-right: 5px;"></div> <div style="flex-grow: 1; border-bottom: 1px solid black; position: relative;"> <div style="position: absolute; left: 0; bottom: -5px; font-size: 8px;">small</div> <div style="position: absolute; right: 0; bottom: -5px; font-size: 8px;">big</div> </div> </div>	<div style="display: flex; align-items: center;"> <div style="width: 25%; height: 10px; background-color: black; margin-right: 5px;"></div> <div style="flex-grow: 1; border-bottom: 1px solid black; position: relative;"> <div style="position: absolute; left: 0; bottom: -5px; font-size: 8px;">small</div> <div style="position: absolute; right: 0; bottom: -5px; font-size: 8px;">big</div> </div> </div>
USER LEVEL	<div style="display: flex; align-items: center;"> <div style="flex-grow: 1; border-bottom: 1px solid black; position: relative;"> <div style="position: absolute; left: 0; bottom: -5px; font-size: 8px;">beginner</div> <div style="width: 20%; height: 10px; background-color: black; position: absolute; top: -5px; left: 20%;"></div> <div style="position: absolute; right: 0; bottom: -5px; font-size: 8px;">professional</div> </div> </div>	<div style="display: flex; align-items: center;"> <div style="flex-grow: 1; border-bottom: 1px solid black; position: relative;"> <div style="position: absolute; left: 0; bottom: -5px; font-size: 8px;">beginner</div> <div style="width: 15%; height: 10px; background-color: black; position: absolute; top: -5px; left: 40%;"></div> <div style="position: absolute; right: 0; bottom: -5px; font-size: 8px;">professional</div> </div> </div>	<div style="display: flex; align-items: center;"> <div style="flex-grow: 1; border-bottom: 1px solid black; position: relative;"> <div style="position: absolute; left: 0; bottom: -5px; font-size: 8px;">beginner</div> <div style="width: 10%; height: 10px; background-color: black; position: absolute; top: -5px; left: 80%;"></div> <div style="position: absolute; right: 0; bottom: -5px; font-size: 8px;">professional</div> </div> </div>



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.





FreeScan Trak

PORTABLE WIRELESS CMM
SCANNING SYSTEM

EAN NO. 6970163082530

TECHNOLOGY	7 Red Laser Crosses, Single Red Laser Line
ACCURACY	Up to 0.030mm
POINT DISTANCE	0.1mm-3mm
COLOR	No
FIXMODE	No
ACCURACY	████████████████████
RESOLUTION/DETAILS	████████████████████
SPEED	████████████████████
OBJECT SIZE	<div style="display: flex; align-items: center;"> <div style="width: 20%; height: 10px; background-color: #ccc; margin-right: 5px;"></div> <div style="width: 60%; height: 10px; background-color: #333; margin-right: 5px;"></div> <div style="width: 15%; height: 10px; background-color: #ccc; margin-right: 5px;"></div> </div> <div style="display: flex; justify-content: space-between; width: 100%; font-size: 8px;"> small big </div>
USER LEVEL	<div style="display: flex; align-items: center;"> <div style="width: 80%; height: 10px; background-color: #ccc; margin-right: 5px;"></div> <div style="width: 15%; height: 10px; background-color: #333; margin-right: 5px;"></div> </div> <div style="display: flex; justify-content: space-between; width: 100%; font-size: 8px;"> beginner professional </div>



The Perfect Fit

FOR YOUR
APPLIATION NEEDS

Striving to empower 3D digital applications for everybody, SHINING 3D is developing solutions answering the market's needs.

TranScan C and AccuFab-L4K enable fast, efficient, high-performing and accessible 3D printing as well as high resolution 3d scanning.



FOR MORE SHINING IDEAS





TranScan C

MULTIPLE SCAN RANGE
COLOR 3D SCANNER



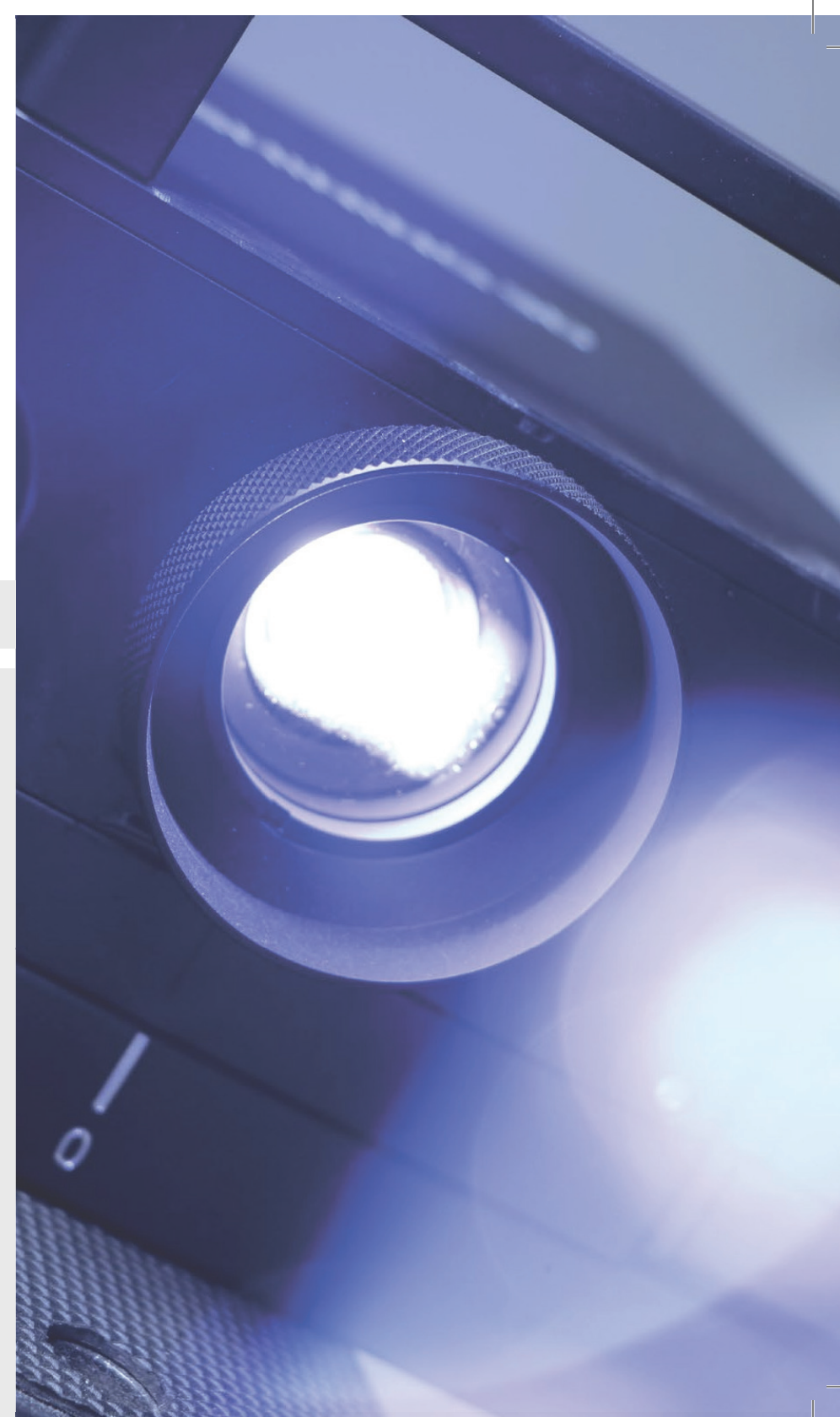
AccuFab-L4K

HIGH-PRECISION
STEREOLITHOGRAPHY 3D PRINTER

EAN NO. 6970163084336

6970163086767

TECHNOLOGY	White LED Light	LCD 4K
ACCURACY	0.035 mm	Up to 0.05mm
POINT DISTANCE	Up to 0.0375 mm	Layer Thickness: Up to 0.025mm
COLOR	Yes	
FIXMODE	Supported	
ACCURACY		
RESOLUTION/DETAILS		
SPEED		
OBJECT SIZE		
USER LEVEL		





Meet the New **SHINING** Star

Easily capture stable and clear details at fast pace with high-quality data output.

Start 3D scanning today with EINSTAR.



EinStar
3D SCANNER

EAN NO. 6970163080529

TECHNOLOGY Infrared VCSEL
structured light

POINT DISTANCE 0.1mm-3mm

COLOR Yes

ACCURACY

RESOLUTION/DETAILS

SPEED

OBJECT SIZE

USER LEVEL

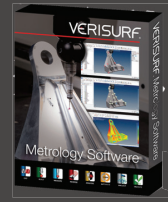
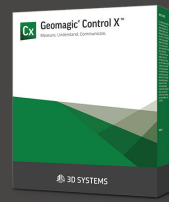




3D Scanning Software

TAILORED TO YOUR NEEDS

What's excellent 3D data without the software to get the best out of it for your digital manufacturing projects!? That's why SHINING 3D has been partnering with top tier software partners to provide you with an all-in-one solution from data acquisition to data processing. From Reverse Engineering, through Inspection, to Software for O&P: we offer a broad portfolio of software solutions to round off the capacities of your SHINING 3D scanner!



Geomagic
Design X

Geomagic
Control X

Geomagic
Essentials

Verisurf

Solid Edge
SHINING 3D
Edition

TechMed
MSoft

APPLICATION

Reverse Engineering

3D Inspection

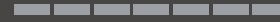
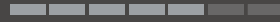
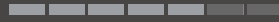
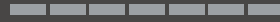
Design & Reverse
Engineering

Inspection & Reverse
Engineering

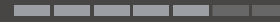
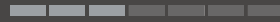
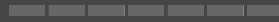
CAD Design &
Reverse Engineering

Human Body 3D
Measurement

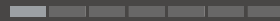
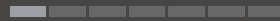
POINT CLOUD &
MESH EDITING



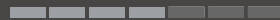
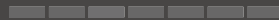
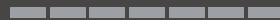
REVERSE
ENGINEERING



INSPECTION



DESIGN



BODY
MEASUREMENT

