

**NEW**

# HANDHELD BLUE LASER 3D SCANNER

RigelScan™



## INTRODUCTION:

The RigelScan™ series handheld blue laser 3D scanner, is a new metrology system launched by ZG Technology Co., Ltd. RigelScan™ can capture fine features of the parts with an accuracy up to 0.02mm, certified by National Institute of Metrology. RigelScan™ applies blue laser scanning technology for fine scanning of structures. In the mean time, RigelScan™ can be equipped with wireless module, for more easy and flexible scanning experience of large parts. Thus, RigelScan™ provides the perfect 3D measurement solution for all industries.

## SPECIFICATION:

	RigelScan™	RigelScan Elite™
MEASUREMENT RATE	205,000measurements/s	480,000measurements/s
SCANNING AREA	275×250mm	
BLUE LASER LIGHT SOURCE	6 laser lines (+ extra 1 line)	14 laser lines (+ extra 1 line)
LASER CLASS	CLASS II (eye-safe)	
RESOLUTION	0.05mm	0.03mm
ACCURACY	up to 0.03mm	up to 0.02mm
VOLUMETRIC ACCURACY	0.03+0.06mm/m	0.02+0.06mm/m
VOLUMETRIC ACCURACY (COMBINED WITH PHOTOSHOT)	0.03+0.025mm/m	0.02+0.025mm/m
STAND-OFF DISTANCE	300mm	
DEPTH OF FIELD	250mm	

## FEATURES:

- 
**ULTRA HIGH ACCURACY**  
Up to 0.02mm
- 
**FINE DETAIL SCANNING**  
Capture perfect 3D data of precision parts
- 
**DYNAMIC SCANNING**  
Freely move parts without affect accuracy
- 
**GOOD ADAPTABILITY**  
Easily capture data of shiny or reflective surface
- 
**USER-FRIENDLY**  
Easy operation, within half hour can master the operation
- 
**WIRELESS CONNECTION**  
Easy scanning for large parts Flexibility

