



Optical Window for LiDAR

高精度复杂面型激光雷达视窗 Optical LiDAR Window with High-precision and Complicated Surface

富兰光学高精度的激光雷达测距仪视窗在无人驾驶、机器人、采矿、测绘、物理学和天文学等方面都有着广泛应用。

Fran Optics optical window of LiDAR (Light Distance And Ranging) with high precision has a wide range of applications, such as Autonomous Vehicles, Robotics, Rock Mechanics, Mining, Physics and Astronomy, etc.

AUTOMOTIVE 

UAV 

ROBOTICS 

MAPPING 

➤ 中心波长905nm / 1550nm
(可见光不透光)
Central Wavelength 905nm / 1550nm
(visible light not pass through)



➤ 硬化&增透镀膜
Hard Coating & AR Coating

➤ 表面粗糙度Ra<5nm
面型精度P-V<20um
Roughness Ra<5nm, Flatness P-V<20um

LiDAR Optical Parts

➤ 高灵敏度&低能量损失
High Sensitivity & Low Energy Loss



➤ 信赖性测试
Reliability Test

- 铅笔硬度测试
Scratch Resistance Pencil Hardness Test

- 高温存储测试
High Temp Storage Test

- 百格测试
Coating Adhesion Cross Cut Test

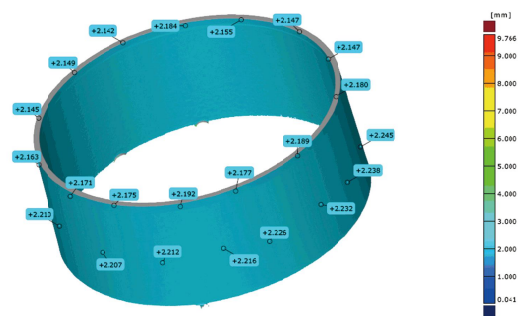
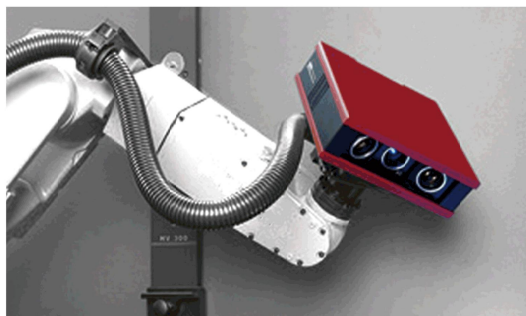
- 低温存储测试
Low Temp Storage Test

- 冷热冲击测试
Thermal Shock Test

- 恒定湿热测试
Humid Constant Heat Test

- 振动测试
Vibration Test

- 氙灯老化测试
Xenon Lamp Aging Test



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