

# PRECI 3D SCAN



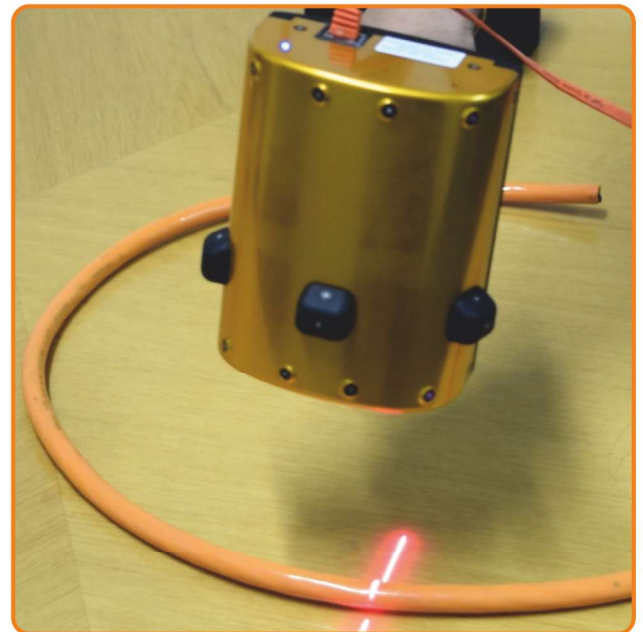
## Highlights

- 3D Real Time Scanning
- Tube Inspection/Measurement
- FreeForm Tube 3D - Scanning
- 3D Inspection & CAD Comparison
- Reverse Engineering
- Touch Probe Function
- Easy Calibration Procedure

3 version: 25mm   50mm   100mm	
<b>IR Sensors</b>	18 - Preci Image Guided Module (each side 6 for high stability and visibility)
<b>Communication</b>	Wireless (Radio Frequency)
<b>Resolution X-axis</b>	1280 points/profile 19µm   39µm   78µm
<b>Linearity<sup>1)</sup> (3Sigma)</b>	+/- 0.16% FSO
<b>Z - Measurement Range</b> Start End	53mm   70mm   190mm 78mm   120mm   290mm
<b>X - Measurement Range</b> Start End	23.4mm   42mm   82mm 29.1mm   58mm   120.8mm
<b>Mid Measurement Range</b>	Z : 66mm   95mm   20.8mm
<b>Laser Line Length</b>	25mm   50mm   100mm
<b>Laser Class</b>	1) 2M (Default) 2) 3R (Optional)
<b>Light Source</b>	<b>BLUE and RED</b> (Class II)
<b>Speed</b>	Up To 200 Hz
<b>Aperture angle laser line</b>	25°
<b>Surface</b>	White to Black Dull to Shiny Surface
<b>Software Interface</b>	TubeSoft   MultiSoft 3D Reshaper®   Geomagic®   PolyWorks®
<b>PC Interface</b>	Ethernet
<b>Working Temperature Range</b>	> 16°C to < 45°C
<b>Transport</b>	Specially Designed Protective Case



Tube Measurement using Laser Line



FreeForm Tube Scanning