



# LC50 Optical Probe

Upgrade your  
CMM into a power-  
ful 5-axis scanning  
device



**High speed 3D digitizing**



# Features & Benefits

## KEY FEATURES

- High speed scanning up to 19200pts/s
- Seamless integration with Renishaw PH10M(Q) through lightweight design and use of Renishaw multiwire
- Adjustable camera and laser intensity settings guarantee top data quality for different surfaces & environments
- Automated qualification of the PH10 orientations
- Compatibility with Renishaw ACR3 auto-exchange rack for true multi-sensor support
- Easy macro based path programming
- Available for integration in native CMM software applications

## KEY BENEFITS

- Shorter lead times and higher quality
- 3D full part scanning optimizes and simplifies inspection and reverse engineering processes
- Non-contact measurement for flexible or fragile parts
- Automatic scanning for repetitive measurement cycles
- Seamless integration with most leading CMM manufacturers

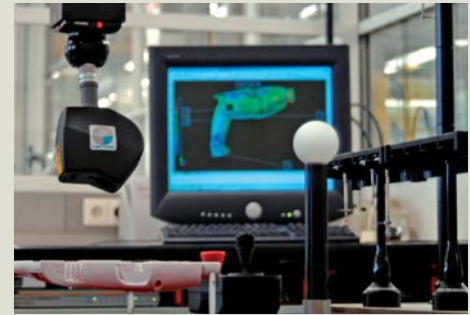
## APPLICATIONS

- Inspection / Reverse engineering of
  - Sheet metal parts (doors, panels, full car body)
  - Castings (engines, gear boxes)
  - Turbine blades
  - Injection molds (dashboards, mobile phones)
  - Foams (seating)
  - Glass (windshields)

## TECHNICAL SPECIFICATIONS

→ Weight	290g (0,64lbs)
→ Dimensions	110x160x68mm (4,33x6,29x2,68")
→ Scan speed	19200pts/s
→ Width of view	50mm (1.97")
→ Depth of view	65mm (2.56")
→ Accuracy*	15µm (0.0006") (1σ sphere fit)
→ Stand off distance	70mm (2,76")
→ Laser light	Class 2

\*Depending on CMM & according to Metris acceptance procedures  
All specifications are subject to change without notice



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