**3D non-contact profilometer**

Alicona Infinite Focus SL

Profilometer produces a 3D model of a surface, allowing advanced measurement of parameters including roughness, waviness and form.

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**Features and benefits**

- Allows determination of 3D roughness parameters, inaccessible through conventional contact profilometers
- Provides highly accurate form measurements including volume
- Measures form and roughness at the same time
- Capable of measuring components with varying surface finishes

**Technical specification**

- 5xSX, 10x, 20x and 50x lenses
- Maximum measureable area: 2500mm²
- Maximum measureable profile length: 50mm
- Minimum measureable roughness: 0.08µm (Ra); 0.05µm (Sa)
- Minimum measureable radius: 2µm
- Minimum measureable wedge angle: 20°
- Maximum measureable slope angle: 87°

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**Key application**

- Developing a greater understanding of any physical surface interaction process including wear, lubrication, corrosion, failure and adhesion