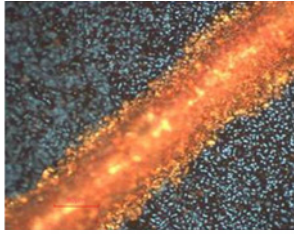
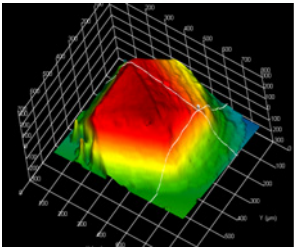


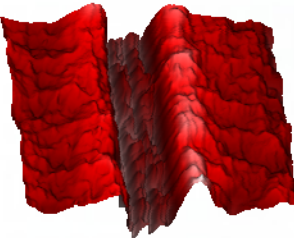
# Portable 3D Digital Microscope



• Digital Imaging •



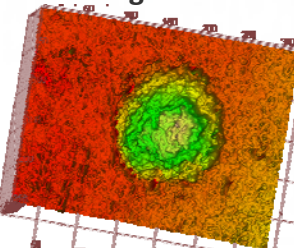
• 3D Profiles •



• Step Height •



• Roughness •



• Image Fusion •

*The most compact 3D microscope*

*For industrial quality inspection, maintenance diagnostic tool, labs and field microscopy imaging*



**High Resolution 3D Digital Microscopy**

**Fast & Accurate Z-axis Measurement**

**Portable Microscopy Imaging**

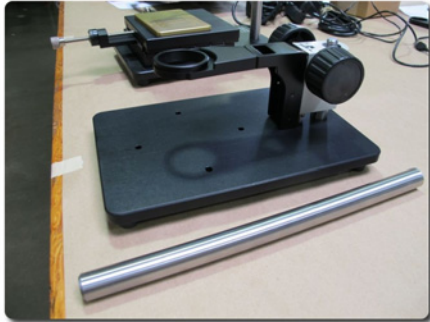
*Portable size for multiple use: handheld, on-site with tripods, shop floor with lab stands*

*Includes all functionalities to perform microscopic observation & measurements*



**Automotive - Aerospace - Electronics - Manufacturing - Forensics - Archaeology**

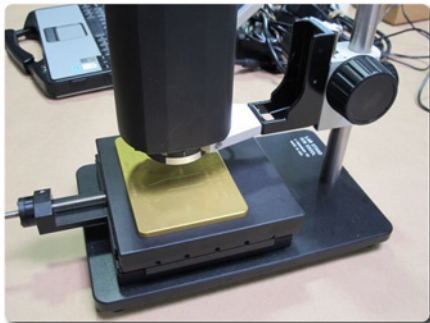
## 3D Portable Microscope Configuration For Your Needs



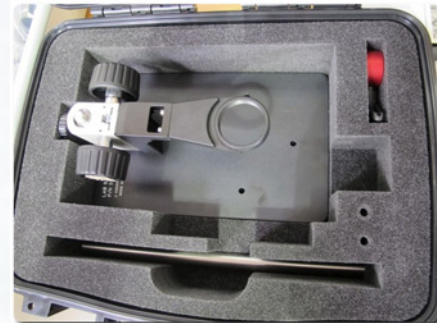
*Fixturings: tripods, magnetic holders & lab stands*



*Internal Lithium Battery for handheld use  
– illumination with LED ring*



*Large choice of objectives: from 1X to 100X & long working distance*



*Handy transport case with all accessories  
for field maintenance*

### Hardware Specifications

- ✓ Maximum depth travel 35mm (1.4 inches)
- ✓ Maximum depth resolution 1  $\mu$ m
- ✓ Camera resolution 2048 x 1536
- ✓ Color depth 24 bit RGB
- ✓ Illumination: One fixed, one positionable LED
- ✓ Dimensions: 17cm (H) x 9cm (W) x 7.6cm (D)
- ✓ Weight <1Kg
- ✓ Power: Internal Lithium Polymer battery or external VAC adapter
- ✓ Interface: single USB to PC

### Software Specifications

- **Acquisition & Processing**
  - 2D / 3D Acquisition Wizard
  - Auto Focus & Exposure
  - Region-of-Interest
  - Navigator
- **2D / 3D Display & Measurements**
  - BF, DF, Ph, DIC, 3D views
  - Text & Graphics overlay
  - 2D / 3D measurements
  - Image fusion (EDF)
  - Roughness ISO standards
  - Step Height Measurements
- **Image Data Export & Report**
  - 3D Data in Excel Format
  - Report Editor
  - HTML Compatible Presentation