



## **3D Microscope**



## Description

For inspection, documentation, and analyses such as measurement in 2D and 3D as well as 3D topographies in surface metrology, they have become increasingly popular in production, quality control and quality assurance, failure analysis, research and development as well as forensics. Digital microscopes even have their areas of application in the life sciences.

Some digital microscopes offer a tilting functionality, so that samples can be observed from various angles. This is especially helpful for inspection of Complex structures such as corrosion patterns in metal parts in manufacturing or material science Part defects examined during failure analysis Bonds used in semiconductor production Insects in entomology or forensics.

3D Laser Scanning Confocal Microscope provides noncontact, nanometer-level profile, roughness, and film thickness data on any material, and indicates which metrics are most critical for evaluation.

Wide-Area 3D Measurement Systemable to measure across 30 mm in just 4 seconds, with a maximum measurement range of 100 mm x 200 mm.