

USB Digital Microscope 5 MP 10-220x with EDOF and Polarizer - Dino-Lite AM7915MZT

Item no. AM7915MZT

Manufacturer Dino-Lite

EAN 4712805476848

The AM7915MZT is a 5 MP Edge microscope with 10-220x, Extended Depth of Field and a built-in polarizer. EDOF keeps uneven objects fully in focus, EDR reduces glare and the polarizer suppresses reflections on shiny materials.

TECHNICAL DATA

Ausführungsklasse	TEC
ESD equipment	USB Mikroskop
HS-Code	90118000
Weight	0.13 kg



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

5 MP MICROSCOPE WITH EXTENDED DEPTH OF FIELD

The Dino-Lite AM7915MZT is built for inspecting objects with height differences where a single focus plane is not enough. Extended Depth of Field (EDOF) merges several focus planes into one fully sharp image, while the polarizer and 5 megapixel resolution deliver clear, high-contrast captures at 10-220x.

KEY BENEFITS

- 5 megapixel sensor with 10-220x optical magnification for detailed capture.
- Extended Depth of Field (EDOF) for fully sharp images of uneven surfaces.
- Extended Dynamic Range (EDR) reduces glare on shiny areas.
- Built-in, continuously adjustable polarizer for reflection control.
- Automatic Magnification Readout (AMR) and Flexible LED Control (FLC) for measurement and directional lighting.

TECHNICAL SPECIFICATIONS

- Sensor: 5 megapixel

- Magnification: 10-220x
- Interface: USB 2.0
- Illumination: 8 white LEDs with FLC
- Polarizer: integrated, adjustable
- Housing: aluminium
- Functions: EDOF, EDR, AMR, measurement, calibration, exchangeable front caps (N3)

APPLICATIONS

Inspection of PCBs and solder joints with height differences, examination of three-dimensional components, material and surface analysis, and documentation in research and development.

COMPATIBILITY

The Edge front cap system (N3) allows ESD-safe caps, a ring light or coaxial light. MS and RK series stands and the foot switch provide repeatable captures.

STANDARDS AND ORIGIN

Made in Taiwan. Supplied with DinoCapture 2.0 software.