

WELLER PRISMA MICROSCOPE HEAD

ORDER NO: T0051406799

- Crystal-Clear 3D Stereo Viewing with Eyepiece-less design
- High-intensity, natural 7000K LED lighting
- ESD safe
- Lens system with interchangeable lenses: 4×, 6×, and 8× magnifications.
- Large viewing area for inspection.
- Standalone unit which fully intigrates into any workbench
- Spare parts available.

See what matters.

Achieve unparalleled precision in every detail. The Weller PRISMA Microscope ESD delivers full 3D visualization for nano-soldering, rework, and electronics inspection - revealing every joint, trace, and component with clarity. ESD-safe and ergonomically designed, it protects sensitive electronics while reducing strain, helping teams minimize defects and maintain the highest quality standards.

KEY FEATURES

> **ESD Optical head**
for Weller PRISMA Microscope

> **Crystal-Clear 3D Stereo Viewing:**
Experience a natural 3D perspective that allows you to see the height, position, and shape of components with unmatched clarity. The eyepiece-less design reduces eye strain and supports sustained focus, making nano-soldering and detailed inspections easier and more accurate.

> **BRIGHT 7000K LED ILLUMINATION:**
Sharp, natural light ensures accurate work on tiny components.

> **Wide Field of View:**
Inspect efficiently with a large viewing area for complex PCBs.

> **Modular & Interchangeable Lens:**
Easily adapt lenses for any nano-soldering project.

> **ESD-Safe Protection:**
Protect sensitive electronics from electrostatic damage during every task

> **Trusted Weller Ecosystem:**
The PRISMA Microscope works perfectly alongside Weller soldering stations, irons, and accessories, giving professionals a fully coordinated, high-performance workspace for precision nano-soldering.

TECHNICAL DATA PRISMA MICROSCOPE HEAD
Dimensions L x W x H in mm / inch 130 x 135 x 200 5.12 x 5.31 x 7.87
Weight in kg / lb 2,086 / 4,599
Input power 5 V / 0,5 A max.
Power consumption 2,5 W
Power supply 9 V DC plug-in power supply
Operating temperature 10°C ... 35 °C (50 °F ... 95 °F)
Storage temperature 0°C ... 50 °C (32 °F ... 122 °F) * *or 3 months without adverse effects.
Subject to technical alterations and amendments.

ILLUMINATION DATA			
LUX intensity measured in the image plane with color correction filters.			
Source 20 LEDs	**Brightness** 9.400 lux	**Color temperature** ~7000 k	**Lifetime** 10,000 h
Subject to technical alterations and amendments.			

SCOPE OF SUPPLY
1x Microscope head

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