



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: 4x, 6x, and 8x magnifications.
- Large viewing area for inspection.
- Standalone unit which fully integrates 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 5V / 0,5 A max.
Power consumption 2,5 W
Power supply 9V 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