

PRISMA MICROSCOPE ESD



The Weller PRISMA Microscope ESD delivers crystal-clear 3D stereo viewing that reveals the height, position, and shape of components for precise inspection and nano-soldering.

Its eyepiece-less, ergonomic design, modular optics, and ESD-safe protection make the Weller PRISMA Microscope ESD a reliable solution for professional electronics work.

Technical Data

Magnification Range	4x (included) / 6x (optional) / 8x (optional)
Working Distance	for 4x ~3.78inch / for 6x ~2.87inch / for 8x ~2.30inch
Field of View	for 4x ~1.08inch / for 6x ~0.76inch / for 8x ~0.56inch
3D stereo angle / viewing angle	Stereo 3D eyepiece-less viewing; large exit pupil; depth perception enhanced
Light source / illumination	LED illumination, ~9400 lux, ~7000 K, lifetime ~10,000 h
ESD-safe	yes
Protection class / compliance	verified as IEC 61340-5-1 & ANSI/ESD S20.20
Connections / interfaces	N/A (no digital/video interfaces in base unit)
Ergonomic features	Eyepiece-less design, posture-friendly, reduced strain, universal arm
Power supply / power adapter	100–240 V AC / Output 9 V DC, 1.6 A

Weller

The Weller Eco-System completes your soldering workbench

