

System 373

ESD-Safe, System 373 Trinocular Microscopes

LUXO

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System 373 ESD-Safe Trinocular Microscopes are designed for inspection and assembly applications in static-sensitive environments. The body and stand are powder-coated with a metal-laced paint that measures $10^5 \Omega/\text{sq}$ (static dissipative). Dual boom ball-bearing stands feature a 24" stainless steel horizontal boom extension and 19.5" vertical boom mounted to a 10" x 10" die-cast base. Ball-Bearing design allows fluid horizontal extension of the boomstand. Extensive flexibility and adjustability allow this microscope to alter angles up to 45°; the head can be rotated 360° in its focus mount. Models offer nearly an 8" working distance (when used with a 0.5X reducing lens) and 15% greater field of view than comparable scopes. TRU Trinocular models allow the user to simultaneously view images on screen and through the eyepieces.

A solution for every application

□ Luxo microscopes feature high-quality achromatic lenses with anti-reflective coatings for superior visual clarity. Optional eyepieces and accessory objective lenses can be added to provide a wider range of magnification. A choice of light sources and mounting options enable the product set-up best suited for each individual application. Digital imaging systems are configurable to allow capturing of images to catalog or share inspection results and observations, for archiving or communicating electronically. The end result is increased productivity with an easy-to-use product line.

- [Follow this link to learn more about Luxo microscope systems](#)

System 373

TECHNICAL DESCRIPTION

BODY MATERIAL AND COLOR

Die-cast aluminum housing. Electrostatic powder paint. The body and stand are powder-coated with a metal-laced paint that measures $10^5\Omega/\text{sq}$. (static dissipative).

MOUNTING

Dual boom ball-bearing stand with 10" x 10" die-cast base. 17.5" vertical extension and 24" horizontal arm extension. Focus mount angles to 45° to permit additional viewing and inspection perspectives.

ACCESSORIES

23mm, 0.5X and .7X Reducing Lenses sold separately.

LIGHTSOURCE/OPTIC

Magnification: 7 - 45X

Field-of-view diameter: 32.8 - 5.1mm

Working distance: 118mm

Magnification with 0.5X reducing lens (accessory): 3.5 -22.5X

Field-of-view diameter with 0.5X reducing lens (accessory): 65.7 - 10.2mm

Working distance with 0.5X reducing lens (accessory): 195mm

Fiber Optic Illuminator with Ring Light and USB 2.0 Camera and Dimmable LED High-Output Ring Light and USB 2.0 Camera available with select models.

Additional lighting and digital options sold separately.