

Microscope Research, Trinocular Compound

Code 663-539C

Microscope Research, Trinocular Compound

An advanced laboratory research compound microscope capable of binocular and trinocular viewing.

The microscope offers a guaranteed 95% flat field measured from the field centre with the high-grade DIN infinity corrected PLAN achromatic lenses. Furthermore, the lenses guarantee a view free from image distortion and chromatic aberration at the edges.

For advanced image contrast control, the microscope includes a Koehler illumination system with a field iris diaphragm.

The reserved slots and sliding plates allow for simple plug-and-play functions upgrade for use in dark field, phase contrast, polarizing, and fluorescence microscopy.

For improved functionality, the large-scale body has a streamlined body with low positioned focus knobs, an XY stage rod, a carrying handle, and an easy bulb replacement process.

The high-resolution multi-layer lenses are anti-mould, anti-glare, and anti-scratch for ease of mind.

Additionally, the built-in safety stop limit protects the objective lenses and microscope slides from damage.

Product Features

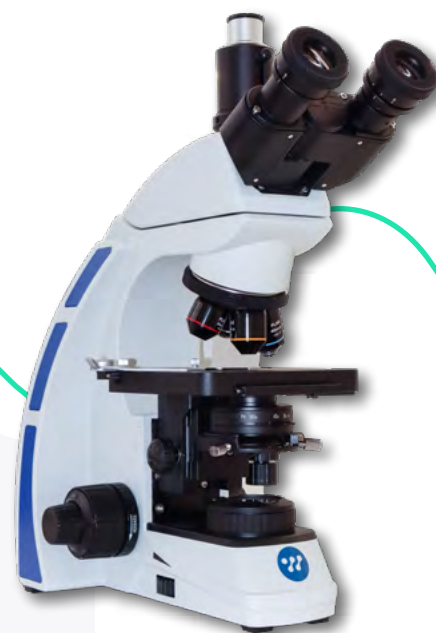
- Premium Laboratory Research Trinocular Compound Microscope
- Built-In Safety Limit Stop to Protect Objective Lenses & Slides
- DIN Infinity Corrected PLAN Achromatic Optical System
- Bottom Transmitted Hi-Power LED Daylight Illumination
- PLAN Infinity Eyepiece, Wide Field of View of 20mm
- Binocular or Trinocular Observation Head Viewing
- Basic Powers of 40X, 100X, 400X & 1000X
- User-Friendly Co-Axial Focusing Control
- Large Double-Layer Mechanical Stage
- High Resolution Multi-Layer Lenses

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Product Specifications

Optical System	DIN infinity corrected PLAN achromatic
Observation Head	Binocular or trinocular, Siedentopf (compensation-free), 30 degrees inclined. Inter-pupillary distance adjustment 55mm to 75mm.
Magnification	40X to 1000X standard magnification maximum. Magnification is extendable to 2000x with the 20X PLAN eyepiece.
Eyepiece	PLAN infinity eyepiece, wide field of view of 20mm
Nosepiece	Reversed, quintuple, 5-hole
Objectives	Infinity-corrected PLAN achromatic objectives 4x, 10x, and 40x(S). Optional objectives 20x, 80x(S), and 100X (S).
Focusing	Co-axial coarse and fine focus adjustments. Focusing knob tension adjustment and stop limit.
Stage	A double-layer mechanical stage with dimensions of 155mm by 140mm. A movable range of 76mm by 50mm.
Illuminations	LED daylight (5W), Koehler illumination with a field iris diaphragm.
Condenser	Abbe condenser NA 1.25 with reserved slots for dark field, polarizing, or phase contrast functions upgrade.
Filters	Frosted, blue, green, and yellow.
Safety Feature	A safety limit stop built-in to protect objective lenses and slides.
Input Voltage	AC 100V to 240V auto-switching power supply, CE approved.
Unit Dimensions	185mm W x 280mm D x 390mm H
Carton Quantity	1
Carton Dimensions	480 x 250 x 550mm
Carton Weight	9kg

Supplied Accessories

- Vinyl dust cover
- Power cord with an Canadian style plug

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Optional Accessories

- WF-10X eyepiece of SL-700 microscope with eyepiece micrometre 0.1mm pre-installed
- Sliding plate 20X/100X with phase contrast infinity PLAN objectives 20X and 100X
- Sliding plate 10X/40X with phase contrast infinity PLAN objectives 10X and 40X
- PLAN infinity corrected objective lens 2X and diffuser sliding plate
- Centering telescope for phase contrast microscopy
- WF-20X eyepiece lens to achieve 2000X power
- Polarising filter set (analyser and polariser)
- PLAN infinity corrected objective lens 20X
- PLAN infinity corrected objective lens 60X
- Dark field sliding plate

Attachments

Code	012103-0031	
Description	Microscope Camera WiFi & USB, Rechargeable	
Video Resolution	Ultra HD 2K, 2592 x 1944 Pixels or 5 Mega Pixels	
Frames Per Second	30 FPS	

Ordering Information

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