

Varizoom Stereo Zoom Microscope

The Varizoom is a stereoscopic microscope with parallel infinity optics and an optical zoom system. Three zoom ranges are available with binocular eyepiece tubes. A sturdy, rectangular focusing mount enables stability whilst zooming and focusing, and the broad stand provides a comfortable base when manipulating samples.

Integrated, directional episcopic LED lighting brightly illuminates the sample without the need for awkward goose neck light guides and the transmitted LED lighting provides cool lighting, especially important when working with biological or heat-sensitive samples. Separate intensity controls are located at the rear of the stand, so they do not encroach into the working area and the broad, flat base is designed to enable comfortable working.

The fluorescent version allows observation of living cells and is widely used in biology, industrial inspection and forensics specifically for inspection of security printing and mineral research. Trinocular beam splitters can be added to the microscope for camera attachment image capture and image recording functions.

Specifications

Cat. No.	7700.0006	7700.0008	7700.0000M	7700.8000M
	Varizoom-6	Varizoom-8	Varizoom-10	Varizoom-Fluorescence
Optical Head	Binocular, inclined at 20° and rotatable			
Siedentopf	Yes (55 to 75 mm interpupillary distance)			
Dioptré	Dioptric adjustment on both eyepiece tubes			
Eyepieces	10x / 22 mm super widefield			
Turret Format	Single			
Magnification	8x to 48x	8x to 64x	8x to 80x	8x to 64x
Objectives	0.8x - 4.8x Plan Achromatic with working range: 78 mm			
Objective Type	Finite			
Stage Size	Frosted plus black / white contrast plates. 2 stage clips			
Focusing	Rectangular support with dual coarse focus knobs zoom system, rack and pinion system with safety stop			
Illumination - transmitted	5W LED with intensity control			
Illumination - reflected	5W LED with intensity control			
Package	Two rubber eyecups, dust cover, instruction manual, and blue filter			
Additional Features	Magnification zoom range can be increased with different eyepiece objectives up to x160			100W ultra high voltage spherical mercury lamp with GFP and GFP-L filters

Accessories

Cat. No.	Description
7700.2343	Ceti Trinocular beam splitter for Ceti Varizoom microscopes
7700.2345	Ceti Varizoom microscope 1x camera mount
9558.0005	Ceti WFHD5C 5 MP microscope camera with HDMI, Wi-Fi and SD card
9556.5600M	Ceti 5 MP Digi-Pad microscope tablet camera with 9.7 inch 1080P screen, 15 FPS capture/record Software, HDMI, Wi-Fi, Bluetooth, x2 USB and TF card expansion
9558.0063	Ceti 6.3 MP digital microscope camera with capture software
7700.9909	LED Florescence Module for Varizoom
7700.4000M	Polarisation set Varizoom
7700.5207	Darkfield attachment for Varizoom
9558.0018	Ceti WFHD5C 5 MP microscope camera with HDMI, Wi-Fi and SD card



Integrated, directional
episcopic LED lighting

Broad, flat base