

# 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
<b>Optical Head</b>	Binocular, inclined at 20° and rotatable			
<b>Siedentopf</b>	Yes (55 to 75 mm interpupillary distance)			
<b>Dioptré</b>	Dioptric adjustment on both eyepiece tubes			
<b>Eyepieces</b>	10x / 22 mm super widefield			
<b>Turret Format</b>	Single			
<b>Magnification</b>	8x to 48x	8x to 64x	8x to 80x	8x to 64x
<b>Objectives</b>	8x - 48x Plan Achromatic with working range: 78 mm			
<b>Objective Type</b>	Finite			
<b>Stage Size</b>	Frosted plus black / white contrast plates. 2 stage clips			
<b>Focusing</b>	Rectangular support with dual coarse focus knobs zoom system, rack and pinion system with safety stop			
<b>Illumination - transmitted</b>	5W LED with intensity control			
<b>Illumination - reflected</b>	5W LED with intensity control			
<b>Package</b>	Two rubber eyecups, dust cover, instruction manual, and blue filter			
<b>Additional Features</b>	Magnification zoom range can be increased with different eyepiece objectives to 4x to 192x, additional cold light sources, 4x to 320x			100W ultra high voltage spherical mercury lamp with GFP and GFP-L filters

## Accessories

Cat. No.	Description
<b>7700.2343</b>	Ceti Trinocular beam splitter for Ceti Varizoom microscopes
<b>7700.2345</b>	Ceti Varizoom microscope 1x camera mount
<b>9558.0005</b>	Ceti WFHD5C 5 MP microscope camera with HDMI, Wi-Fi and SD card
<b>9556.5600M</b>	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
<b>9558.0063</b>	Ceti 6.3 MP digital microscope camera with capture software
<b>7700.9909</b>	LED Florescence Module for Varizoom
<b>7700.4000M</b>	Polarisation set Varizoom
<b>7700.5207</b>	Darkfield attachment for Varizoom
<b>9558.0018</b>	Ceti WFHD5C 5 MP microscope camera with HDMI, Wi-Fi and SD card

Integrated, directional  
episcopic **LED lighting**

**Broad, flat base**

