

Vulcan Compound Motorised Microscope

The Vulcan motorised biological microscope is designed to allow users to enjoy safe, comfortable operation, and superb quality observations of their specimens. The intensity of illumination for each objective can be adjusted and the intelligent AIS (Automatic Illumination System) automatically recalls that intensity with the relevant objective. This averts the possibility of uncomfortable over-bright illumination. With the handy ECO function the transmitted light turns off automatically after 30 minutes of non-use. This not only saves energy but also prolongs the life of the long-life LED even further.

The motorised nosepiece adds to the ergonomics of the microscope as objectives can be selected via buttons on the front of the stand, removing the necessity to manually rotate the nosepiece - with the Remote-Control Pad objectives can be switched by simply pressing the buttons. Users can also self-define two of the most frequently used objectives and swap between these two objectives by pressing the green button.

The motorised swing-out condenser automatically swings the top lens element in or out according to the objective lens that is selected via the intelligent linking system. The optional epi-fluorescence system features high quality filter blocks and filter lenses. Six filter blocks can be fitted into the epi-fluorescence attachment, allowing the operator to view different fluorophores without the necessity to change filter blocks.

Specifications

Cat. No.	3200.9300LED
Optical Head	Ergonomic tilting trinocular with photo port, adjustable from 0° to 35° 3-position beam splitter; 0:100, 100:0, 80:20
Eyepieces	10x / 22 mm super widefield
Turret Format	Sextuple
Siendentopf	Yes (47 to 78 mm interpupillary distance)
Dioptr	Dioptr adjustment on both eyepiece tubes
Nosepiece	Motorised with remote switching pad on base, nosepiece rotating buttons behind focus knobs
Objectives	4x, 10x, 20x, 40x, 100x (oil) Infinity Corrected N-Plan Achromatic
Objective Type	Infinite
Condenser	Motorised Brightfield Abbe - NA 1.25 with automatic swing-out when 4x objective is selected, focusable and centrable iris diaphragm
Stage Size	Double layer mechanical, 190 x 152 mm with Gorilla Glass insert and slide holder, 78 x 32 mm movement, vernier scale
Focusing	Low position coaxial coarse and fine with stop, fine focus knobs can be swapped, full tension control
Illumination	3W S-LED full Kohler illumination with fly-lens, intensity control and Automatic Illumination System (AIS),
Package	Instruction manual, dust cover and immersion oil (10 ml)
Additional Features	ECO function switches illumination off after 30 minutes non-use, six filter blocks can be fitted into the epi-fluorescence attachment

Accessories

Cat. No.	Description
3200.0011	Ceiti Vulcan LED Blue and green color, complete set
3200.0012	Ceiti Vulcan LED Fluorescent U filter
3200.0013	Ceiti Vulcan LED Fluorescent V filter
3200.4888	Ceti Vulcan 1x camera mount
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
9556.5810	Ceti WFHD5C 13.3 inch high resolution HDMI monitor



Automatic Illumination System
and full **Kohler** illumination

