

Binocular microscope MOTIC mod. PANTHERA C2 Phase Package

Phase contrast Package

A new world-class level cased in a revolutionary technical future-orientated solution.

Panthera C2 Trinocular microscope for LifeSciences: your instrument for demanding applications.

This models with a complete series of new UC Plan Achromats performing a22mm Field of View makes outstanding performance easy.

The patented rackless stage carries a unique dual-slide holder for one-handoperation.

Illumination is provided by a 30W Halogen light source, interchangeable with 3W LEDs, in a Full Köhler setup.

The MoticLightTracer system with coded nosepiece, a built-in Low-Energy mode (Auto ON/OFF) and an LED feedback indicator helps to smoothenyour workflow.



- Siedentopf-type trinocular head, 25° inclined tube, 360° rotatable
- UC-WF10X/22mm high focal point wide field eyepieces with diopter adjustment on both eyepieces and parfocals
- Inverted quintuple revolver coded with Motic Light Tracer (intelligent light management)
- LED band intensity indicator
- Macro and fine coaxial focusing system with tension adjustment
- Compact mechanical stage with ergonomic coaxial controls on the right side, system without protruding racks
- Abbe N.A. condenser 0.90 with iris diaphragm and slider opening
- Kohler LED 3W and quartz halogen 6V/30W lighting interchangeable, with intensity control
- USB port for powering a video camera
- Power supply 100V-240V (CE) with automatic shutdown mode Power cord, blue filter, 5 mL immersion oil, hex wrench and protective cover, halogen bulb and LED module

Accessories included

- dust cover
- power cord
- Allen key
- immersion oil (5ml)
- blue filter
- halogenbulb
- LED module
- centering telescope

Technical data

Model	Panthera C2 Trinocular Phase package
-------	--------------------------------------

Observation tube	Trinocular head, Siedentopf type, 360° swiveling
Optical system	Colour Corrected Infinity Optical System (CCIS®)
Inclination	25° inclined, 360° swivelling
DTrinocular light split	Fixed 50:50
Interpupillary distance	48-75 mm
Diopter adjustment	On both eyepieces, +/- 5 diopter
Eyepieces	Widefield UC-WF10X/22mm with diopter adjustment
Nosepiece	Reversed quintuple, coded
Objective classification	CCIS® UC Plan Achromatic (Pb free), DIN
Objectives	4X/0.10 (WD 30.5mm), 10X/0.25 (WD 17.4mm), Ph40X/0.65/S (WD 0.6mm)
Objective mounting thread	W 4/5"x1/36" (RMS standard)
Stand type	Upright
Stage	Compact mechanical stage with built-in low position rackless coaxial stagecontrol and sample holder
Stage size	185x145mm
Travel range X&Y	75x50 mm
Condenser	Phase contrast 5 position (BF, DF, Ph1, Ph2, Ph3) Turret Condenser
Diaphragm	Iris diaphragm
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine focus precision	2 µm
Focusing stroke	25 mm
Upper limit stop	Upper limit stop preset but adjustable
Filter holder	On top of the illuminator with fixing cap
Transmitted illumination	Köhler LED 3W & Quartz halogen 6V/30W with intensity control
Illumination interchangeability	Halogen/LED and LED color temperature interchangeability
Illumination features	Motic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED intensity indicator
Transformer	Internal
Power supply	110-240V (CE)
Other features	USB 2.0 for external camera power
Accessories included	Dust cover, power cord, Allen key, immersion oil (5ml), blue filter, halogenbulb, LED module, centering telescope
Dimensions LxWxH	282x210x396mm
Weight Net	8,4 kg
Standard contrast technique	Brightfield, phase contrast
Phase contrast	Turret
Polarization	Optional add-on
Darkfield	Turret
Fluorescence	Optional LED

Code	Description
M1646172	Binocular microscope MOTIC mod. PANTHERA C2 Phase Package Phase contrast Package