

PANTHERA C Series

# PANTHERA C2 Binocular





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| <b>Optical system</b>                  | Colour Corrected Infinity Optical System (CCIS®)   |
| <b>Observation tube</b>                | Binocular head, Siedentopf type, 360° swiveling  |
| <b>Inclination</b>                     | 25° inclined, 360° swivelling  |
| <b>Interpupillary distance</b>         | 48-75mm  |
| <b>Diopter adjustment</b>              | On both eyepieces, +/- 5 diopter   |
| <b>Eyepieces</b>                       | Widefield UC-WF10X/22mm with diopter adjustment  |
| <b>Nosepiece</b>                       | Reversed quintuple, coded  |
| <b>Objective classification</b>        | CCIS® UC Plan Achromatic (Pb free)   |
| <b>Objectives</b>                      | 4X/0.10 (WD 30.5mm), 10X/0.25 (WD 17.4mm), 40X/0.65/S (WD 0.6mm), 100X/1.25/S-Oil (WD 0.16mm)        |
| <b>Objective mounting thread</b>       | W 4/5"x1/36" (RMS standard)  |
| <b>Stand type</b>                      | Upright  |
| <b>Stage</b>                           | Compact mechanical stage with built-in low position rackless coaxial stage control and sample holder |
| <b>Stage size</b>                      | 185x145mm  |
| <b>Travel range X&amp;Y</b>            | 75x50mm  |
| <b>Condenser</b>                       | Focusable and centerable Abbe condenser N.A. 0.90/1.25 with slot for contrast sliders                |
| <b>Diaphragm</b>                       | Iris diaphragm   |
| <b>Focus mechanism</b>                 | Coaxial coarse and fine focusing system with tension adjustment                                      |
| <b>Fine focus precision</b>            | 2µm  |
| <b>Focusing stroke</b>                 | 25mm   |
| <b>Upper limit stop</b>                | Upper limit stop preset but adjustable   |
| <b>Filter holder</b>                   | On top of the illuminator with fixing cap  |
| <b>Transmitted illumination</b>        | Koehler LED 3W & Quartz halogen 6V/30W with intensity control  |
| <b>Illumination interchangeability</b> | Halogen/LED and LED color temperature interchangeability   |
| <b>Illumination features</b>           | Motic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity indicator   |
| <b>Transformer</b>                     | Internal   |
| <b>Power supply</b>                    | 110-240V (CE)  |
| <b>Other features</b>                  | USB 2.0 for external camera power  |
| <b>Accessories included</b>            | Dust cover, power cord, Allen key, immersion oil (5ml), blue filter, halogen bulb, LED module        |
| <b>Dimensions LxWxH</b>                | 282x210x394mm  |
| <b>Net weight</b>                      | 8.4kg  |