



BA310MET Series

# BA310 MET-T TRINOCULAR (3"x2")





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|--|---|
| <b>Optical system</b>                  | Colour Corrected Infinity Optical System (CCIS®)  |
| <b>Observation tube</b>                | Trinocular head, Siedentopf type, 360° Swiveling  |
| <b>Inclination</b>                     | 30° inclined  |
| <b>Trinocular light split</b>          | 100:0/20:80   |
| <b>Interpupillary distance</b>         | 48-75mm   |
| <b>Diopter adjustment</b>              | On both eyepieces, +/- 5 diopter  |
| <b>Eyepieces</b>                       | Widefield N-WF10X/20mm with diopter adjustment  |
| <b>Intermediate body</b>               | Epi-illuminator quartz halogen with integrated field and aperture diaphragms and external lamphouse |
| <b>Nosepiece</b>                       | Reversed quintuple  |
| <b>Objective classification</b>        | CCIS® EC Plan Achromatic, DIN   |
| <b>Objectives</b>                      | 5X/0.13 (WD 20.3mm), 10X/0.25 (WD 17.5mm), 20X/0.40 (WD 8.1mm), 50X/0.55 (WD 8.4mm)                 |
| <b>Objective mounting thread</b>       | W 4/5"x1/36" (RMS standard)   |
| <b>Stand type</b>                      | Upright   |
| <b>Stage</b>                           | Mechanical stage, hard coated with built-in low position coaxial stage control and glass plate      |
| <b>Stage size</b>                      | 240x140mm   |
| <b>Travel range X&amp;Y</b>            | 75x50mm (3"x2")   |
| <b>Condenser</b>                       | Focusable and centerable Abbe condenser N.A. 0.85   |
| <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>                 | 30mm  |
| <b>Upper limit stop</b>                | Upper limit stop preset but adjustable  |
| <b>Filter holder</b>                   | On top of the illuminator with fixing cap   |
| <b>Incident illumination</b>           | Quartz halogen 12V/50W with integrated field and aperture diaphragms                                |
| <b>Transmitted illumination</b>        | Koehler Quartz halogen 6V/30W with intensity control  |
| <b>Illumination interchangeability</b> | Epi-illuminator Quartz halogen 12V/50W or LED 3W, transmitted Quartz halogen 6V/30W or LED 3W       |
| <b>Illumination features</b>           | External lamp house for Epi-illuminator   |
| <b>Transformer</b>                     | Epi-illuminator external, transmitted internal  |
| <b>Power supply</b>                    | 100-240V (CE)   |
| <b>Accessories included</b>            | Dust cover, power cord, Allen key, blue, frosted, green and yellow filters                          |
| <b>Dimensions LxWxH</b>                | 508x240x465mm   |
| <b>Net weight</b>                      | 12.7kg  |