



# B1-220ASC

Superior in design and in performance, the B1 Series incorporates a wide range of features designed for University and Laboratory use. Superb optical clarity and reliable mechanical engineering assure years of top performance.

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|---------------------------------------|--|
| <b>Model</b>                          | B1-220ASC  |
| <b>Optical System</b>                 | Finite Optical System, 160mm   |
| <b>Observation tube</b>               | Binocular, sliding type  |
| <b>Interpupillary distance</b>        | 55-75mm  |
| <b>Inclination</b>                    | 45° inclined, 360° rotating  |
| <b>Eyepiece(s)</b>                    | WF10X/20mm   |
| <b>Nosepiece</b>                      | Quadruple revolving nosepiece with click stops   |
| <b>Objective classification</b>       | ASC Achromatic Super Contrast, DIN   |
| <b>Objective information</b>          | 4X/0.10 (WD 17mm), 10X/0.25 (WD 6.4mm),<br>40X/0.65/S (WD 0.45mm), 100X/1.25/S-Oil (WD 0.14mm) |
| <b>Objective mounting thread</b>      | W 4/5" x 1/36" (RMS standard)  |
| <b>Stage</b>                          | Built-in low position coaxial mechanical stage with sample holder                              |
| <b>Stage size</b>                     | 140X135mm  |
| <b>Mechanical stage X&amp;Y range</b> | 78X50mm  |
| <b>Upper limit stop</b>               | Upper limit stop preset but adjustable   |
| <b>Condenser</b>                      | Rack & pinion focusable 1.25 N.A. Abbe Condenser, with iris diaphragm and filter holder        |
| <b>Free Working Distance</b>          | Coaxial coarse and fine focusing system with tension adjustment                                |
| <b>Fine Focus precision</b>           | 2 µm minimum increment   |
| <b>Z-axis movement</b>                | 27mm   |
| <b>Filter holder</b>                  | 12V/20W Halogen illumination with intensity control  |
| <b>Transformer</b>                    | Internal   |
| <b>Power supply</b>                   | 220-240V (CE)  |
| <b>Accessories included</b>           | Blue, yellow and green filters, dust cover and immersion oil                                   |
| <b>Lenght X Width X Height</b>        | 245X190X380  |
| <b>Weight KG</b>                      | 6,8KG  |