



*iOX 6745*

STEREO ZOOM MICROSCOPE



**IOX-6745** Series Stereo Zoom Microscope is fully coated optical system with super high resolution. It is characterized by brand-new optical design, the best reproduction and true color image. It is ideally suited for industrial as well as for biological research where high precision, maximum working distance and large field coverage is required.

### MICROSCOPE SPECIFICATION

| Eyepiece          | Standard  |        | Auxiliary Lens 0.5X |        | Auxiliary Lens 1.5X |        | Auxiliary Lens 2X |        |
|-------------------|---|--------|---------------------|--------|---------------------|--------|-------------------|--------|
|                   | W.D. 105mm  |        | W.D. 177mm          |        | W.D. 47mm           |        | W.D. 26mm         |        |
|                   | Mag.  | F.O.V  | Mag.                | F.O.V  | Mag.                | F.O.V  | Mag.              | F.O.V  |
| 10X/22mm          | 6.7X  | 32.8mm | 3.4X                | 65.7mm | 10.1X               | 21.9mm | 13.4X             | 16.4mm |
|                   | 45.0X   | 4.9mm  | 22.5X               | 9.8mm  | 67.5X               | 3.3mm  | 90.0X             | 2.4mm  |
| 15X/16mm          | 10.1X   | 23.9mm | 5.0X                | 47.8mm | 15.1X               | 15.9mm | 20.1X             | 11.9mm |
|                   | 67.5X   | 3.6mm  | 33.8X               | 7.1mm  | 101.3X              | 2.4mm  | 135.0X            | 1.8mm  |
| 20X/12mm          | 13.4X   | 17.9mm | 6.7X                | 38.5mm | 20.1X               | 11.9mm | 26.8X             | 9.0mm  |
|                   | 90.0X   | 2.7mm  | 45.0X               | 5.3mm  | 135.0X              | 1.8mm  | 180.0X            | 1.3mm  |
| 25X/9mm           | 16.8X   | 13.4mm | 8.4X                | 26.9mm | 25.1X               | 9.0mm  | 33.5X             | 6.7mm  |
|                   | 112.5X  | 2.0mm  | 56.3X               | 4.0mm  | 168.8X              | 1.3mm  | 225.0X            | 1.0mm  |
| 30X/8mm           | 20.1X   | 11.9mm | 10.1X               | 23.8mm | 30.2X               | 7.9mm  | 40.2X             | 6.0mm  |
|                   | 135.0X  | 1.8mm  | 67.5X               | 3.6mm  | 202.5X              | 1.2mm  | 300.0X            | 0.9mm  |
| Magnification     | 6.7X-50X, 3.35X-300X with 30x extra eyepieces and 2x aux Lens objectives                            |        |                     |        |                     |        |                   |        |
| Eyepiece          | WF10X/22mm high-eyepoint, wide-field; Convenient for observers wearing glasses                      |        |                     |        |                     |        |                   |        |
| Optional Eyepiece | WF10X/22mm, WF15X/16mm, WF20X/12mm, WF25X/9mm.  |        |                     |        |                     |        |                   |        |
| Main Body         | Binocular head, 45° inclined, 360° rotatable, can be locked in any position desired                 |        |                     |        |                     |        |                   |        |
|                   | Interpupillary Distance adjustment:52-75mm; Diopter adjustment:±5 diopters                          |        |                     |        |                     |        |                   |        |
| Objective         | 0.67X-5X stereo zoom; Zoom Ratio:7.5:1  |        |                     |        |                     |        |                   |        |
| Working Distance  | Vertical working distance 115mm   |        |                     |        |                     |        |                   |        |
| Aux Lens optional | 0.3X, 0.5X, 0.7X, 0.75X, 1.5X,  |        |                     |        |                     |        |                   |        |
| Focusing Mount    | Focusing track mount  |        |                     |        |                     |        |                   |        |
| Stand             | IOX9L track stand,  |        |                     |        |                     |        |                   |        |
| Illumination      | Transmitted and reflected 5v/3w LED illumination with independent switches and adjustable intensity |        |                     |        |                     |        |                   |        |

