

# **Binocular Zoom Stereo Microscope IMS-3104**



Binocular Zoom Stereo Microscope IMS-3104 is the advanced type of microscope where you change magnification using a zoom control knob. The binocular viewing head with extra wide field eyepieces and has excellent zoom objective to choose 0.6X-5X and auxiliary objective 0.5X 220mm, 0.7X125mm, 2X45mm objectives, and each eye tube has interpupillary adjustment. IMS-3100 Series is capable of providing strong images with a broad field of view, the multipurpose and perfect for basic studies of samples properties. Come with the incident and transmitted LED lights, allowing samples to be illuminated for a more comprehensive field of view. Suitable for circuit board repairing and inspection, surface mount technology work, electronics inspection, coin collecting, gemology and gemstone setting, engraving, repair and inspection of small parts. Provide upright, un-reversed 3 D images. Used to examine the huge specimen under 0.6X-5X low zoom magnification objective and 8.3:1 zoom ratio with up to 115 mm length.

## Technical Specification:

|                      |                                                                                      |
|----------------------|--------------------------------------------------------------------------------------|
| Model                | IMS-3104                                                                             |
| Type                 | Binocular Zoom Stereo Microscope                                                     |
| Viewing Head         | Binocular Viewing Head, Inclined at 45°, Interpupillary Distance 55-75mm             |
| Focusing             | Coarse Focus Knob with tension adjustable, Moving range 105mm                        |
| Eyepiece             | WF10X23mm (optional:WF15X16mm,WF20X12 mm,WF30X9 mm)                                  |
| Objective            | Optional: Auxiliary objective 0.5X 220mm, 0.7X125mm, 2X45mm                          |
| Stage                | Glass Insert Plate of length 100 mm and White and Black round plate of length 100 mm |
| Light Source         | 100V-240V/ LED incident and transmitted                                              |
| Optional Accessories | video and photo adaptor                                                              |
| Magnification        | 0.6X-5X                                                                              |
| Zoom Ratio           | 8.3:1 WD: 115 mm                                                                     |
| Catalogue No.        | 440185-05-04                                                                         |

## Technical Data:

| Model                  | IMS-3104                                                                             | IMS-3108                                                                           |
|------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Type                   | Binocular Zoom Stereo Microscope                                                     |                                                                                    |
| Viewing Head           | Binocular Viewing Head, Inclined at 45°, Interpupillary Distance 55-75mm             |                                                                                    |
| Magnification          | 0.6X-5X                                                                              |                                                                                    |
| Optical System         |                                                                                      |                                                                                    |
| Zoom Ratio             | 8.3:1 WD: 115 mm                                                                     |                                                                                    |
| Focusing               | Coarse Focus Knob with tension adjustable, Moving range 105mm                        |                                                                                    |
| Eyepiece               | WF10X23mm (optional:WF15X16mm,WF20X12 mm,WF30X9 mm)                                  |                                                                                    |
| Objective              | Optional: Auxiliary objective 0.5X 220mm, 0.7X125mm, 2X45mm                          |                                                                                    |
| Stage                  | Glass Insert Plate of length 100 mm and White and Black round plate of length 100 mm | Glass Insert Plate of length 125mm and White and Black round plate of length 125mm |
| Light Source           | 100V-240V/ LED incident and transmitted                                              |                                                                                    |
| Certification          |                                                                                      |                                                                                    |
| Optional Accessories   | video and photo adaptor                                                              |                                                                                    |
| Packing Dimension      |                                                                                      |                                                                                    |
| Packing Weight         |                                                                                      |                                                                                    |
| Electrical Requirement |                                                                                      |                                                                                    |
| Catalogue No.          | 440185-05-04                                                                         | 440185-10-04                                                                       |



Iris Analytical Ltd.

66 W Flagler St #900 Miami, Florida 33130 United States