

# Gemological Microscope IGM-1150



Gemological Microscope IGM-1150 used to examine diamonds, emeralds, rubies and all other types of precious stones. Available in binocular and trinocular form for the capture of the gem provides you with an opportunity for extra revenue. The Microscope is delivered with incident halogen and fluorescent and transmitted LED light system, the incident light can be adjusted by examination of the clarity, color, and finishing. These microscopes ensure good status for having outstanding optics, rugged dependability, flexibility and low-cost to perform identifications, analyses, and measurements more accurately and efficiently, thus reducing your workload. Equipped with dark field working stage for observation of inclusions with versatile iris diaphragm and can control the depth of field and contrast while using the dark field illumination for better identification.

## Technical Specification:

|                      |                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------|
| Model                | IGM-1150                                                                                                  |
| Type                 | Gemological Microscope                                                                                    |
| Viewing Head         | Inclined Binocular head, 360° Rotatable, Interpupillary distance 55-75mm                                  |
| Eyepiece             | WF10X22 mm(optional: WF15X15 mm, WF20X10 mm)                                                              |
| Objective            | 1X-4X(optional: Auxiliary- 0.5X 0.75X, 1.5X, 2X)                                                          |
| Stage                | Dark field working stage (with Iris diagram)                                                              |
| Light Source         | 12V/10W Halogen lamp and 10W Fluorescent incident lamp; and 12V/10W Halogen lamp and LED transmitted lamp |
| Optional Accessories | Eyepiece, objective                                                                                       |
| Catalogue No.        | 440315-10-04                                                                                              |

## Technical Data:

| Model                | IGM-1100                                                                              | IGM-1150                                                                                                  | IGM-1160                                                                  |
|----------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Type                 | Gemological Microscope                                                                |                                                                                                           |                                                                           |
| Viewing Head         | Inclined Binocular head, 360° Rotatable, Interpupillary distance 55-75mm              |                                                                                                           | Inclined Trinocular head, 360° Rotatable, Interpupillary distance 55-75mm |
| Eyepiece             | WF10X20 mm(optional: WF15X15 mm, WF20X10 mm)                                          | WF10X22 mm(optional: WF15X15 mm, WF20X10 mm)                                                              |                                                                           |
| Stage                | Dark field working stage (with Iris diagram)                                          |                                                                                                           |                                                                           |
| Objective            | 2X, 4X(optional: Auxiliary- 0.5X 0.75X, 1.5X, 2X)                                     | 1X-4X(optional: Auxiliary- 0.5X 0.75X, 1.5X, 2X)                                                          |                                                                           |
| Light Source         | 12V/10W Halogen lamp incident lamp; and 12V/10W Halogen lamp and LED transmitted lamp | 12V/10W Halogen lamp and 10W Fluorescent incident lamp; and 12V/10W Halogen lamp and LED transmitted lamp |                                                                           |
| Gem Clamp            | High quality Jewel clamp                                                              |                                                                                                           |                                                                           |
| Optional Accessories | Eyepiece, objective                                                                   |                                                                                                           |                                                                           |
| Catalogue No.        | 440315-05-04                                                                          | 440315-10-04                                                                                              | 440315-15-04                                                              |



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