



MICROSCOPES



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Gemological Microscope IGM-1100 Series: The Gemological Microscope IGM-1100 Series are 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.

- Good quality illumination along with gem clamp and dark field attachment
- Gemological microscopes is cost effective and inexpensive and high level professional microscope
- Accomplished to provide the best viewing conditions
- Cast-off by jewelers, gemologists, and stone setters, gemological microscopes
- Specially designed for use in the industry to observe and evaluate different types and grades of precious stones
- Capable with user-friendly operation system
- Auxiliary- 0.5X, 0.75X, 1.5X, 2X objective as an optional accessories
- High wild field WF10X20 mm
- Dark field working stage (with Iris diagram)
- 12V/10W Halogen lamp incident lamp; and 12V/10 W Halogen lamp and LED transmitted lamp light source
- Binocular and trinocular inclined and a 360° rotatable head with interpupillary distance 55 to 75 mm
- Small foot print and light weight
- Easy operating with ergonomic design

Sample Images



Technical Specifications

Model	IGM-1100	IGM-1150	IGM-1160
Type	Gemological Microscope		
Viewing Head	Inclined Binocular head, 360° Rotatable, Interpupillary distance 55-75 mm		Inclined Trinocular head, 360° Rotatable, Interpupillary distance 55-75 mm
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		
Packing Dimension			
Packing Weight			
Electrical Requirement			
Catalogue No.	440315-05-04	440315-10-04	440315-15-04

