



MICROSCOPES



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Gemological Microscope IGM-1000 Series are available in binocular and trinocular viewing form. Designed with 3 different types of illumination making it a very flexible stereomicroscope including Fluorescent lamp, LED, and Halogen illumination. The Microscope is delivered with incident halogen and fluorescent and transmitted LED light system. 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. At a working distance of 115 mm with a 1:6.3 zooms ratio. Ideal for working with subtle jewelry, gemstones and used in the design, creation, production, and repair of jewelry under high magnification 0.8X-5X to provide quality image.

Gemological Microscope IGM-1200 Series

Gemological Microscope IGM-1200 Series: The Gemological Microscope IGM-1200 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. Designed with 3 different types of illumination making it a very flexible stereomicroscope including Fluorescent lamp, LED, and Halogen illumination. 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. At a working distance of 115 mm with a 1:6.3 zooms ratio. Ideal for working with subtle jewelry, gemstones and used in the design, creation, production, and repair of jewelry under high magnification 0.8X-5X to provide quality image.



- 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
- Built-in 3.2 MP camera which can captures great gemological images with a simple click
- Maximum magnification of up to 0.8X-5X
- Auxiliary- 0.5X220 mm, 0.7X125 mm, 2X125 mm objective as an optional accessories
- High wild field WF15X16 mm with diopter adjustment
- Dark field working stage (with Iris diagram)
- 9W Fluorescent lamp, LED Point Light, 6V/20W Halogen illumination light source
- Binocular and trinocular inclined 45° and a 360° rotatable head with interpupillary distance 55 to 75 mm
- Small foot print and light weight
- Easy operating with ergonomic design

Technical Specifications

Model	IGM-1200	IGM-1250	IGM-1260
Type	Gemological Microscope		
Magnification	0.8X-5X		
Viewing Head	Binocular Viewing Head, Inclined at 45°, Interpupillary Distance: 55-75mm	Trinocular Viewing Head, Inclined at 45°, Interpupillary Distance: 55-75mm	Binocular Digital Viewing Head, Inclined at 45°, Interpupillary Distance: 55-75mm
Digital System	-		Resolution: 2048×1536(, 3.2MP)
Focusing	110 mm for observing different size gem and sample		
Eyepiece	WF15X16 mm with diopter adjustment (optional: WF10X22mm, WF20X12mm, WF30X9mm)		
Zoom Ratio	1:6.3, 115 mm		
Objective	optional: Auxiliary Objective 0.5X220 mm, 0.7X125 mm, 2X125 mm		
Stage	0°-325° Rotatable base and stand 0-38° Inclined, so the height and angle of eyepiece can be adjusted, easy to operate and a gem clamp fixing of both side		
Light Source	9W Fluorescent lamp, LED Point Light, 6V/20W Halogen illumination		
Gem Clamp	High quality steel clamp is perfect to hold the gem for observation from all directions		
Packing Dimension			
Packing Weight			
Electrical Requirement			
Catalogue No.	440320-05-04	440320-10-04	440320-15-04

Gemological Microscope IGM-1100 Series

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

