

### Gemological Microscopes by Meiji Techno



GEM Series



GM Series

Meiji Techno offers two tiers of gemological microscopes based on the versatile EM Series of stereo microscopes.

Those who must work to the most demanding standards of the precious mineral industries will appreciate the full featured GEM Series.

If you'd like a microscope that can swivel around for your clients to view, then the GEM SVH Series microscopes have a rotating base.

For those who want an economical yet effective alternative to professional grade gemological microscopes we offer the GM Series.

In the GEM series you can choose from zoom bodies or turret bodies mounted on a full-sized gem stand that offers powerful darkfield transmitted illumination suitable for photomicrography. You also have the option of adding a 2-stage fluorescent incident illuminator useful for viewing inclusions. All models are available in either 115V or 220/240V.

#### GEM Series



● **GEMZ-8TR Zoom Gem Microscope**

Body: EMZ-8TR trinocular 0.7X - 4.5X zoom range, rotatable 360°  
 Magnification: 7X - 45X (with 10x eyepieces) 14X - 90X (with 20X eyepieces)  
 Eyepieces: SWF10x and SWF20x are included.  
 Stand: GEMZ/PT professional full-sized inclinable gem stand for zoom stereo bodies with built-in 30W tungsten darkfield illumination system, gem clamp and mount for optional fluorescent incident illuminator.  
 Options include: A full range of EM Series eyepieces and MA309/100 (115V) or MA309/200 (220V) fluorescent incident illuminator (pictured).



● **GEMZ-5 Zoom Gem Microscope**

Body: EMZ-5 binocular 0.7x-4.5x zoom range, rotatable 360°  
 Magnification: 7X - 45X (with 10x eyepieces) 14X - 90X (with 20X eyepieces)  
 Eyepieces: SWF 10X and SWF 20X are included.  
 Stand: GEMZ full-sized inclinable gem stand for zoom stereo bodies with 30W tungsten darkfield illumination, gem clamp, and mount for optional fluorescent incident illuminator.  
 Options include: Full range of EM Series eyepieces and MA309/100 (115V) or MA309/200 (220V) fluorescent incident illuminator (pictured).



● **GEMZ-5TR Trinocular Zoom Gem Microscope**

Body: EMZ-5TR trinocular 0.7X - 4.5X zoom range for photomicrography, rotatable 360°  
 Magnification: 7X - 45X (with 10x eyepieces) 14X - 90X (with 20X eyepieces)  
 Eyepieces: SWF 10X and SWF 20X are included.  
 Stand: GEMZ full-sized inclinable gem stand for zoom stereo bodies with 30W tungsten darkfield illumination, gem clamp, and mount for optional fluorescent incident illuminator.  
 Options include: Full range of EM Series eyepieces, MA309/100 (115V) or MA309/200 (220V) fluorescent incident illuminator (pictured), and photo/video accessories.



● **GEMT-2 Turret Gem Microscope**

Body: EMT-2 binocular turret, rotatable 360°  
 Magnification: 10X, 30X (with 10X eyepieces) 20X, 60X (with 20X eyepieces)  
 Eyepieces: SWF 10X and SWF 20X are included.  
 Stand: GEMT full-sized inclinable gem stand for turret stereo bodies with 30W tungsten darkfield illumination, gem clamp, and mount for optional fluorescent incident illuminator.  
 Options include: Full range of EM Series eyepieces and MA309/100 (115V) or MA309/200 (220V) fluorescent incident illuminator (pictured).



● **GEMT-4 Turret Gem Microscope**

Body: EMT-4 binocular turret, rotatable 360°  
 Magnification: 10X, 40X (with 10X eyepieces) 20X, 80X (with 20X eyepieces)  
 Eyepieces: SWF 10X and SWF 20X are included.  
 Stand: GEMT full-sized inclinable gem stand for turret stereo bodies with 30W tungsten darkfield illumination, gem clamp, and mount for optional fluorescent incident illuminator.  
 Options include: Full range of EM Series eyepieces and MA309/100 (115V) or MA309/200 (220V) fluorescent incident illuminator (pictured).

## Gemological Microscopes by Meiji Techno

### GEM SVH Series

The GEM SVH Series of professional gem microscopes is based on EM Series stereo microscope bodies. These stereoscopes have earned Meiji Techno a great reputation for excellent optics, rugged dependability, versatility, and economy that no other manufacturer can match.

Choose from the zoom body GEMZ-5SVH or the turret body GEMT-2SVH mounted on a full-sized gem stand that offers powerful darkfield transmitted illumination suitable for photomicrography. These models can be outfitted with a 2-stage fluorescent incident illuminator which is very useful for viewing gem inclusions. Both models are available in either 115V or 220/240V.

All GEM Series microscopes come with dust covers, and rubber eyeshields.

#### **GEMZ-5SVH Gem Microscope with Swivel Base**

Provides an easy and elegant way to show your precious stones!

Body: EMZ-5 binocular 0.7X - 4.5X zoom range, rotatable 360°  
 Magnification: 7X - 45X (with 10X eyepieces) 14X - 90X (with 20X eyepieces)  
 Eyepieces: SWF10X and SWF20X are included.  
 Stand: GEMZ/SVH Professional gem stand, inclinable and rotatable for greater ease of showing precious stones.  
 Built-in darkfield transmitted light with 30W halogen illumination with variable intensity control, gem clamp, and optional fluorescent incident illuminator.  
 Options include: Full range of EM Series eyepieces.



#### **GEMT-2SVH Turret Gem Microscope with Swivel Base**

Provides an easy and elegant way to show your precious stones!

Body: EMT-2 binocular turret body, rotatable 360°  
 Magnification: 10X, 30X (with 10X eyepieces) 20X, 60X (with 20X eyepieces)  
 Eyepieces: SWF10X and SWF20X are included.  
 Stand: GEMZ/SVH Professional gem stand, inclinable and rotatable for greater ease of showing precious stones.  
 Built-in darkfield transmitted light with 30W halogen illumination with variable intensity control, gem clamp, and optional fluorescent incident illuminator.  
 Options include: Full range of EM Series eyepieces.  
 A309/100 (115V) or MA309/200 (220V) fluorescent incident illuminator (pictured).



## Gemological Microscopes by Meiji Techno

### GM Series

Similar to the professional GEM Series, the GM Series gem microscopes also use the EM Series stereo microscope bodies. These stereoscopes have earned Meiji Techno a reputation for excellent optics, rugged dependability, versatility and economy that few other manufacturers can match.

Choose from zoom bodies or turret bodies mounted on a stand that offers brightfield and darkfield transmitted illumination, as well as 2-stage fluorescent incident illumination useful for viewing inclusions.

Each system comes with the components listed below, including two pairs of eyepieces for greater range of magnification, dust covers and rubber eyeshields.



#### GM-5Z Zoom Gem Microscope

EMZ-5 0.7X - 4.5X zoom range stereo microscope body  
 ABZH/1 Stand with 6V 20W halogen transmitted illumination and 2-stage dual 4W fluorescent incident illuminator  
 MA502 SWF10X eyepieces  
 MA504 SWF20X eyepieces  
 MA555 Gem Clamp  
 MA556 Darkfield attachment  
 MA557/01 Iris diaphragm



#### GM-2T Turret Gem Microscope

EMT-2 1X, 3X turret stereo microscope body  
 ABH/1 Stand with 6V 20W halogen transmitted illumination and 2-stage dual 4W fluorescent incident illuminator  
 MA502 SWF10X eyepieces  
 MA504 SWF20X eyepieces  
 MA555 Gem Clamp  
 MA556 Darkfield attachment  
 MA557/01 Iris diaphragm



#### GM-3T Turret Gem Microscope

EMT-3 2X, 4X turret stereo microscope body  
 ABH/1 Stand with 6V 20W halogen transmitted illumination and 2-stage dual 4W fluorescent incident illuminator  
 MA502 SWF10X eyepieces  
 MA504 SWF20X eyepieces  
 MA555 Gem Clamp  
 MA556 Darkfield attachment  
 MA557/01 Iris diaphragm



#### GM-4T Turret Gem Microscope

EMT-4 1X, 4X turret stereo microscope body  
 ABH/1 Stand with 6V 20W halogen transmitted illumination and 2-stage dual 4W fluorescent incident illuminator  
 MA502 SWF10X eyepieces  
 MA504 SWF20X eyepieces  
 MA555 Gem Clamp  
 MA556 Darkfield attachment  
 MA557/01 Iris diaphragm

*SEE our EMT and EMZ Series Stereo Microscopes datasheet for full details of the stands, heads and options for GEM and GM series microscopes*

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