

•• **OPTICS**

- Magnification [1X]: 7.5X - 50X
- ▷ Optional magnification: 15X - 100X, 11.3X - 75X
- Zoom ratio: 6.7 : 1
- Working distance: 113mm
- ▷ Optional working distance: 50mm [1.5X], 34.5mm [2X]
- Microscope observation angle: 35°
- Standard Eyepiece Magnification: 10X
- ▷ Optional Magnification: 15X, 20X
- Field of view: 30.7mm - 4.6mm
- Optional reticule: Diamond proportion analyser
- Optional trinocular version:
- ▷ Photo/Video: 100% [right eyetube]

•• **ILLUMINATION**

- Built-in 30W Quartz halogen for bright field/ dark field illumination
- Adjustable aperture diaphragm [ø41mm - ø2mm]
- Gooseneck adjustable incident 7W fluorescent illumination
- ▷ 6000K colour temperature

•• **STAND**

- 360° rotary base
- Tilting range: 0° [upright] - 45°
- 125mm total focus adjustment
- ▷ 92mm upward adjustment
- ▷ 33mm downward adjustment

•• **STANDARD ACCESSORIES**

- Stainless steel wire stone holder - attachable
- Aluminum carrying case

•• **OPTIONAL ACCESSORIES**

- Rounded edge stone holder
- Inclusion pointer
- Large gem stage plate
- Diamond proportion analyser kit
- Immersion cell
- Polariser kit
- Diffuser plate
- Auxiliary 15X/20X eyepieces
- Auxiliary 1.5X/2X objectives
- Digital still camera adapters

•• **DIMENSIONS**

- Microscope weight: 9kgs
- Shipping weight: 18kgs
- ▷ Includes aluminum carrying case
- Shipping Dimensions: 57 x 35 x 46cm

SCHEMATIC DIAGRAMS - GM168

