

## **\*\* 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

Diplomal 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

#### \*\* STAND

360° rotary base

Tilting range: 0° [upright] - 45°

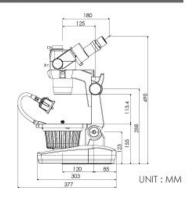
125mm total focus adjustment

> 92mm upward adjustment

33mm downward adjustment

# **SCHEMATIC DIAGRAMS - GM168**





## 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

