



# Compound Microscopes

## Model 1109AMI



- Intermediate Level
- Magnification Up to 400X
- Iris Diaphragm Condenser
- 20W Variable Illumination

The VanGuard Model 1109AMI Compound Microscope features DIN optics, locked-on eyepiece and stage clips, an iris diaphragm condenser, and 20W variable incandescent illumination. An excellent choice for schools, veterinarians, and industrial applications.

**Viewing Head.** Monocular head rotates 360° and is inclined at 45°.

**Eyepiece.** Locked-on 10X Widefield (DIN) with a field number of 18.

**Nosepiece.** Triple nosepiece with positive stops.

**Objectives.** DIN achromatic 4X/0.10, 10X/0.25, and 40X/0.65.

**Stage.** 120x130mm with locked-on, spring-loaded stage clips.

**Focusing Movement.** Separate coarse and fine focus controls featuring a slip-clutch mechanism which protects the gears from damage by allowing the knobs to turn even when the stage has reached the upper/lower travel stops; also includes a tension control mechanism.

**Condenser.** 0.65 N.A. condenser with iris diaphragm and swing-in filter holder; focusable with a forward-positioned lever.

**Illumination.** 20W variable incandescent light source. Comes with blue and neutral density filters. 0.5A, 250V fuse.

**Voltage.** 110V (220V available as a special order item).

**Base.** Stable 200x125mm base fitted with anti-skid rubber feet.

**Body.** Cast-metal body with stain-resistant enamel finish.

**Dimensions.** 200mm (L) x 125mm (W) x 355mm (H); 3.0kg.

**Supplied With.** 20W Incandescent Lamp (Spare) (cat. no. 1100-20WIL), 0.5A, 250V Fuse (Spare) (cat. no. 1200-FS1), Dust Cover, Operation Manual



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## Ordering Information

Model	Head	Type	Objective Magnification	Objective Type	Illumination
1109AMI	Monocular	Brightfield	4X, 10X, & 40X	Achromatic (DIN)	20W Incandescent

