



# Compound Microscopes

## Model 1102SM



- Intermediate Level
- Magnification Up to 400X
- Exceptionally Durable Frame
- 20W Illumination

The VanGuard Model 1102SM Compound Microscope features DIN optics, locked-on eyepiece and stage clips, and 20W incandescent illumination. Model 1102SM is perfectly suited for basic industrial and educational applications.

**Viewing Head.** Monocular; frame inclines back to 90°.

**Eyepiece.** Locked-on 10X Widefield (DIN).

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

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

**Stage.** 120x115mm 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 5-position disc diaphragm.

**Illumination.** 20W incandescent light source.

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

**Base.** Stable 200x115mm base fitted with anti-skid rubber feet.

**Body.** Sturdy steel body with stain-resistant enamel finish.

**Dimensions.** 200mm (L) x 115mm (W) x 335mm (H); 3.2kg.

**Supplied With.** 20W Incandescent Lamp (Spare) (cat. no. 1100-20WIL), Dust Cover, Operation Manual



## Ordering Information

Model	Head	Type	Objective Magnification	Objective Type	Illumination
1102SM	Monocular	Brightfield	4X, 10X, & 40X	Achromatic (DIN)	20W Incandescent

