



# Compound Microscopes

## 1100AMH Series

- Intermediate Level
- Magnification Up to 1000X
- Iris Diaphragm Condenser
- 20W Variable Halogen Illumination



The VanGuard 1100AMH Series Compound Microscopes feature DIN optics, the choice of 4 different viewing heads, mechanical stages, and 20W variable quartz halogen illumination. An excellent choice for schools, veterinarians, and industrial applications.

**Viewing Head.** Monocular, dual-monocular, binocular (Sliding), and trinocular (Sliding) heads rotate 360° and are inclined at 45°. Binocular and trinocular head also feature dioptic (-5 to +5) & interpupillary adjustment (53-72mm) mechanisms.

**Eyepieces.** 10X Widefield (DIN) with a field number of 18.

**Nosepiece.** Quadruple nosepiece with positive stops.

**Objectives.** DIN achromatic 4X/0.10, 10X/0.25, and 40X/0.65, and 100X/1.25 (Oil) brightfield objectives.

**Stage.** Graduated, integrated mechanical stage (120x120mm); left-hand coaxial drop-down X-Y controls; 25x60mm movable range.

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

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

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

**Base.** Stable 195x150mm base fitted with anti-skid rubber feet.

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

**Dimensions.** 195mm (L) x 150mm (W) x 370mm (H); 5.0kg.

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



Model 1113AMH

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## Ordering Information

Model	Head	Type	Objective Magnification	Objective Type	Illumination
1111AMH	Monocular	Brightfield	4X, 10X, 40X, 100X (Oil)	Achromatic	20W Variable Quartz Halogen
1112AMH	Dual-Monocular	Brightfield	4X, 10X, 40X, 100X (Oil)	Achromatic	20W Variable Quartz Halogen
1113AMH	Binocular	Brightfield	4X, 10X, 40X, 100X (Oil)	Achromatic	20W Variable Quartz Halogen
1115AMH	Trinocular	Brightfield	4X, 10X, 40X, 100X (Oil)	Achromatic	20W Variable Quartz Halogen

