

# 3069 Stereo Microscope Series

**Focusing:** Large dual focus knobs with adjustable tension control for rapid, effortless image focusing.

**Stage:** Frosted glass stage plate in base gives evenly diffused illumination. Black and white contrast plate is also included.

**Illumination:** High intensity variable 6 volt 15 watt halogen dichroic reflector bulb provides illumination from above (incident) and a 5-watt fluorescent bulb supplies cool, white illumination from below (transmitted). Dual-purpose illuminators can be switched on simultaneously or independently with a grounded 3-wire line cord.

**Optional Accessories:** Eyepieces - WF15x (15mm F.O.V.) and WF20x (14mm F.O.V.), 26mm micrometers, darkfield illuminator, gem clamp and microscope carry case.

**Miscellaneous:** 5-year warranty, eyeguards and dust cover are included with each complete model.

Advanced, modular design incorporating many professional features the 3069 stereo microscope series is ideal for industrial applications, classrooms and hobbyists. Longer working distance, enhanced illumination and widefield eyepieces make the 3069 series easy to use for classroom dissection or industrial inspections.

**Eyepiece:** WF10x eyepieces with a 20mm field of view.

**Head:** The binocular viewing body is inclined 45° and rotatable 360°. Diopter adjustment  $\pm 5$  and interpupillary distance adjustment range of 55mm - 75mm allows for precise equalization of focus between both eyes.

**Stand:** Sturdy and stable, cast alloy aluminum dovetail stand with an acid resistant lustrous almond finish.

**Objectives:** Fixed magnification objectives. Conveniently located side-mounted control knobs can change objective magnification quickly and easily. Protective lens shield is included with each microscope to prevent accidental damage to the objectives.



|         |                               | OBJECTIVES |            |            |            |
|---------|-------------------------------|------------|------------|------------|------------|
| Eyeiece |                               | 1X         | 2X         | 3X         | 4X         |
| WF10X   | Total Mag.<br>Field Dia. (mm) | 10X<br>20  | 20X<br>10  | 30X<br>6.6 | 40X<br>5   |
| WF15X   | Total Mag.<br>Field Dia. (mm) | 15X<br>15  | 30X<br>7.5 | 45X<br>5   | 60X<br>3.7 |
| WF20X   | Total Mag.<br>Field Dia. (mm) | 20X<br>12  | 40X<br>6   | 60X<br>4   | 80X<br>3   |
|         | Working Dist.                 | 105mm      | 105mm      | 105mm      | 105mm      |

| CAT #          | OBJECTIVE MAG. | TOTAL MAG. | ILLUMINATION                           |
|----------------|----------------|------------|--|
| <b>3067</b>    | 1x/2x          | 10x or 20x | Top & bottom                           |
| <b>3067GEM</b> | 1x/2x          | 10x or 20x | Top & bottom w/darkfield and gem clamp |
| <b>3068</b>    | 2x/4x          | 20x or 40x | Top & bottom                           |
| <b>3068GEM</b> | 2x/4x          | 20x or 40x | Top & bottom w/darkfield and gem clamp |
| <b>3069</b>    | 1x/3x          | 10x or 30x | Top & bottom                           |
| <b>3069GEM</b> | 1x/3x          | 10x or 30x | Top & bottom w/darkfield and gem clamp |

