AP series

HIGHLIGHTS

• Small and robust
• Binocular heads with vertical or 45° inclined tubes
• Secured WF10x/20 mm eyepieces
• Magnifications: 10-120x
• Pillar stands with and without illumination
• LED illumination for cordless use

TECHNICAL SPECIFICATIONS

EYEPIECE(S)
• Pair of secured wide field eyepieces WF10x/20 mm
• Supplied with eyecups

HEAD
• Binocular head with vertical or 45° inclined tubes
• One tube supplied with dioptr adjustment
• Interpupillary distance from 55 to 75 mm

OBJECTIVES
• The AP-1, AP-2, AP-4 and AP-5 models are standard supplied with a 2x magnification objective in slider. This objective is interchangeable with optional 1x, 3x, 4x and 6x magnification objectives
• The AP-7 and AP-7 LED models are supplied with revolving 1x/3x objectives for total magnification of 10 and 30x with field of views from 20 to 6.7 mm
• The AP-8 and AP-8 LED models are supplied with revolving 2x/4x objectives for total magnification of 20 and 40x with field of views from 10 to 5 mm
• All optics are anti-fungus treated and anti-reflection coated for maximum light throughput

STAND
• Pillar stand with a 40 mm coarse adjustment
• Supplied with black/white object plate and 2 object clamps, models with transmitted illumination are also supplied with a glass object plate

ILLUMINATION
• The AP-1 is supplied without illumination
• The AP-2 and AP-4 are supplied with an incident 10 W 12 V Tungsten illumination and internal power supply
• The AP-5, AP-7 and AP-8 models are supplied with a transmitted and incident 10W 12V tungsten illumination and internal power supply
• The AP-7 LED and AP-8 LED models are supplied with a transmitted and incident LED illumination with 3 rechargeable batteries for maximum 35 hours cordless operation. With external mains adapter/charger

CAMERAS
• Euromex offers a wide range of industrial and education grade cameras
• The camera replaces one of the eyepieces
• Find our cameras on our website

PACKAGING
• Supplied with power cord/adapter, dust cover, a spare fuse and user manual
• All packed in a polystyrene box
### MODELS

<table>
<thead>
<tr>
<th>MODELS</th>
<th>Vertical head</th>
<th>45° head</th>
<th>Interchangeable 2x objective</th>
<th>1x/3x objective</th>
<th>2x/4x objective</th>
<th>Transmitted tungsten illumination</th>
<th>Incident tungsten illumination</th>
<th>Transmitted LED illumination</th>
<th>Incident LED illumination</th>
</tr>
</thead>
<tbody>
<tr>
<td>50.890 AP-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50.900 AP-2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50.915 AP-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50.920 AP-5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50.925 AP-7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50.926 AP-7 LED</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50.930 AP-8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50.931 AP-8 LED</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### ACCESSORIES AND SPARE PARTS

- **50.805**  Pair of wide field eyepieces WF 5x/22 mm
- **50.810**  Pair of wide field eyepieces WF 10x/20 mm
- **50.811**  Micrometer eyepiece WF 10x/20 mm
- **50.815**  Pair of wide field eyepieces WF 15x/16 mm
- **50.820**  Pair of wide field eyepieces WF 20x/10 mm
- **50.840**  Pair of eyecups

*Suitable for AP-1, AP-2, AP-4 and AP-5:

- **50.831**  Paired achromatic objectives 1x. Working distance 57 mm
- **50.832**  Paired achromatic objectives 2x. Working distance 80 mm
- **50.833**  Paired achromatic objectives 3x. Working distance 61 mm
- **50.834**  Paired achromatic objectives 4x. Working distance 57 mm
- **50.836**  Paired achromatic objectives 6x. Working distance 40 mm

- **50.875**  Adjustable GEM object clamp for AP series
- **50.876**  Dark field attachment
- **50.884**  Spare bulb 10 W 12 V for AP-series
- **50.975**  External 100-240 V mains adapter

- **AE.1112**  Stage 76 x 26 mm micrometer slide, 50 mm divided in 500 parts, 100 µm per division

- **PB.5245**  Lens cleaning paper, 100 sheets per pack
- **PB.5274**  Iso propyl alcohol 99%, 200 ml
- **PB.5275**  Cleaning kit: lens fluid, lint free lens tissue/paper, brush, air blower, cotton swabs

- **50.871**  Black/White stage plate 94 mm diameter
- **50.873**  Glass stage plate 94 mm diameter
- **50.874**  Black/White stage plate 60 mm diameter (AP1, 2, 3 and 4)