

## 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 diopter 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



● AP-7-LED (50.926)



Transparent stage plate for transmitted illumination ●

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/adaptor, dust cover, a spare fuse and user manual
- All packed in a polystyrene box

## MODELS

		Vertical head	45° head	Interchangeable 2x objective	1x/3x objective	2x/4x objective	Transmitted tungsten illumination	Incident tungsten illumination	Transmitted LED illumination	Incident LED illumination
50.890	AP-1	•		•						
50.900	AP-2	•		•				•		
50.915	AP-4		•	•				•		
50.920	AP-5		•	•			•	•		
50.925	AP-7		•		•		•	•		
50.926	AP-7 LED		•		•				•	•
50.930	AP-8		•			•	•	•		
50.931	AP-8 LED		•			•			•	•



AP-1 (50.890)



AP-2 (50.900)



AP-4 (50.915)



AP-5 (50.920)

## 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

- 50.871** 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)

- 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