

## EduBlue

### HIGHLIGHTS

- Designed for education
- Robust and sturdy, with secured eyepieces
- Dual or triple magnifications
- Available in ergonomic rack & pinion and pillar stands
- Double 1 W LED illumination
- With rechargeable batteries for cordless use
- Digital models with 3.2 MP camera available
- Ergonomic carrying grip
- 5 years warranty

### TECHNICAL SPECIFICATIONS

#### EYEPIECE(S)

- Pair of secured WF10x/20 mm eyepieces supplied with eyecups

#### HEAD

- Binocular head with 45° inclined tube.
- Diopter adjustment of  $\pm 5$  on one side
- Interpupillary distance adjustable between 55 and 75 mm
- Digital head is supplied with a 3.2 MP USB-2 1/2" CMOS camera
- Maximum 2048 x 1536 pixels resolution

#### DUAL MAGNIFICATION OBJECTIVES

- Revolving nosepiece with dual 1x/3x and 1x/2x, which can provide standard magnifications of 10x and 30x or 20x and 40x
- Working distance 60 mm
- Field of views of 20/6.7 mm or 10/5 mm
- Magnifications can be altered using optional eyepieces
- All optics are anti-fungus treated and anti-reflection coated for maximum light throughput

#### TRIPLE MAGNIFICATION OBJECTIVES

- Revolving nosepiece with triple 1x/2x/3x and 1x/2x/4x, which can provide standard magnifications of 10x, 20x and 30x or 10x, 20x and 40x
- Working distance 60 mm
- Field of views of 20/10/6.7 mm or 20/10/5mm
- Magnifications can be altered using optional eyepieces

#### STAND

- The rack & pinion and pillar stands of the EduBlue are equipped with ergonomically designed flat bases, complete with 2 object clamps and  $\varnothing$  60 mm transparent and black/white stage plate.
- The coarse adjustment is equipped with tension control.
- The stands are alloy metal casted with hardened off-white coating

#### ILLUMINATION

- The transmitted and incident 1 W LED illuminations can be used simultaneously and the light intensities can be adjusted separately, 60 mm working distance
- Supplied with an external 100-240 V mains adapter/charger and 3 rechargeable batteries for corded and cordless use

#### PACKAGING

- Supplied with 100-240 V mains adapter/charger, dust cover, eyecups and user manual
- Delivered with an external power supply
- All packed in a polystyrene box



ED.1402-S



Triple magnification

## DIGITAL MODELS

### CAMERA

- Digital models are equipped with a 3.2 MP USB 2 1/2 inch sensor CMOS USB-2 camera
- Maximum resolution is 2048 x 1536 pixels, 24 bits color depth, up to 10 frames per second. Smaller resolutions are selectable
- Delivered with the ImageFocus 4 software, for capturing of images and videos, USB-2 cable and a micrometer 1mm/100 slide
- Warranty for the camera is 2 years

### SOFTWARE

- Delivered with ImageFocus 4 for capturing of images and videos
- This software also allows a full range of analysis like measurements on still and live images and annotations on captured images
- Save images in .jpg, .tif or .bmp formats, save videos in .avi format
- Images can be annotated and measurements can be performed on live or captured images
- Compatible with Windows XP, Vista, 7, 8 and 10, all 32 and 64 bits configurations
- For Mac OS more basic software is available
- Updates can be downloaded on our website [www.euromex.com](http://www.euromex.com)

### MODELS

	Digital head	1x/3x objectives	2x/4x objectives	1x/2x/3x objectives	1x/2x/4x objectives	Pillar stand	Rack & pinion stand
ED.1302-P		•				•	
ED.1302-S		•					•
ED.1305-S	•	•					•
ED.1402-P			•			•	
ED.1402-S			•				•
ED.1405-S	•		•				•
ED.1502-S				•			•
ED.1505-S	•			•			•
ED.1802-S					•		•
ED.1805-S	•				•		•



ED.1302-P



ED.1505-S

## ACCESSORIES AND SPARE PARTS

- ED.6005** Pair of HWF 5x/22 mm eyepieces
- ED.6010** Pair of HWF 10x/20 mm eyepieces
- ED.6015** Pair of HWF 15x/12 mm eyepieces
- ED.6020** Pair of HWF 20x/10 mm eyepieces
- ED.6110** HWF 10x/20 mm eyepiece with 10 mm/100 micrometer
- ED.6099** Pair of eyecups
- ED.9570** Pair of object clamps for stage
- ED.9950** Stage plate frosted glass, opaque, Ø 60 mm
- ED.9956** Stage plate black/white, Ø 60 mm
- ED.9975** External 100-240 V mains adapter/ charger
- ED.4300** Aluminium transport case for EduBlue microscopes
- SL.5504** LED replacement unit for EduBlue, incident illumination
- SL.5505** LED replacement unit for EduBlue, transmitted illumination
- AE.1112** Micrometer 76 x 26 mm slide, 50 mm/50 divisions
- PB.5245** Lens cleaning paper, 100 sheets per pack
- PB.5274** Isopropyl alcohol 99% (200 ml)
- PB.5275** Cleaning kit: lens cleaning fluid, lint free lens tissue, brush, air blower, cotton swabs

## DIMENSIONS

