euromex microscopes holland

JuniorLED

HIGHLIGHTS

- **Entry-level microscopes for brightfield observation**
- **Integrated X-Y mechanical stage**
- **Double LED illumination**
- **Cordless operation**
- **Ergonomic carrying grip**
- **2 Years warranty**



● *JR.1051*

JuniorLED	185 (h) x 140 (w)x 320 mm (d) | 2.3 kg

TECHNICAL SPECIFICATIONS

EYEPIECE

- Wide field WF 10x/16 mm eyepiece
- Secured and with pointer

HEAD

- Monocular models with 45° inclined tubes
- 360° rotatable and secured

NOSEPIECE

Revolving nosepiece for 3 objectives on ball bearings

OBJECTIVES

- Achromatic 4x/0.10, 10x/0.25 and S40x/0.65 or Achromatic 4x/0.10, 10x/0.25 and S60x/0.85
- The S40x, S60x and S100x oil immersion objectives are spring loaded

All optics are anti-fungus treated and anti-reflection coated for maximum light throughput

FOCUSING

- Coaxial coarse and fine adjustments, 90 graduations, 0.02 µm per graduation, 2.35 mm per rotation, total travel approximately 20 mm
- Supplied with an adjustable rack stop to prevent damage to sample and objectives

STAGE

All models are supplied with 95 x 105 mm stage with integrated 16 x 50 mm X-Y mechanical stage

CONDENSER

Fixed condenser N.A. 0.65

ILLUMINATION

- All versions are supplied with adjustable transmitted and reflected 1W LED illumination
- All models have internal rechargeable batteries with an external 100-240 V battery 5V USB-C charger/mains adapter

PACKAGE CONTENT

- Supplied with USB-C type mains adapter-charger, three rechargeable AA batteries, an Allen key, dust cover, user manual
- All packed in a polystyrene box

MODELS	Head	Eyepiece 10x/16 mm	Achromatic objectives 4x/0.10, 10x/0.25 and S40x/0.65	Achromatic objectives 4x/0.10, 10x/0.25 and S60x/0.85	Achromatic objective S100x/1.25	illumination (incident & transmitted)	Rechargeable batteries
JR.1051	Monocular	•	•		o	2x 1 W LED	•
JR.1651	Monocular	•		•	o	2x 1 W LED	•

o = optional

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ACCESSORIES

EYEPIECES

JR.6010 Wide field eyepiece WF 10x/16 mm
JR.6010-M Wide field micrometric eyepiece WF 10x/16 mm
JR.6016 Wide field eyepiece WF 16x/11 mm
JR.6020 Wide field eyepiece WF 20x/11 mm
JR.6025 Wide field eyepiece WF 25x/11 mm

OBJECTIVES

DIN Achromatic

JR.7004 4x/0.10 objective
JR.7010 10x/0.25 objective
JR.7020 20x/0.40 objective
JR.7040 S40x/0.65 objective
JR.7060 S60x/0.85 objective
JR.7000 S100x/1.25 objective

MISCELLANEOUS

JR.9992 Set of two spare LEDs for JR.1051/1651
JR.9992-E Spare Electronics PCB for JR.1051/1651

DISPOSABLES

PB.5155 Microscope slides 76 x 26 mm, ground edges, 50 pieces
PB.5157-W Microscope slides 76 x 26 mm, ground edges. White frosted side, 50 pieces per pack
PB.5157-B Microscope slides 76 x 26 mm, ground edges. Blue frosted side, 50 pieces per pack



PB.5165 Cover glasses 18 x 18 mm, thickness 0.13-0.17 mm, 100 pieces
PB.5168 Cover glasses 22 x 22 mm, thickness 0.13-0.17 mm, 100 pieces
PB.5245 Lens cleaning paper, 100 sheets per pack
PB.5255 Immersion oil, n = 1.515 (25 ml)
PB.5274 Isopropyl alcohol 99% (200 ml)
PB.5275 Cleaning kit: lens cleaning fluid, lint free lens tissue, brush, air blower, cotton swabs
PB.5276 Microscope maintenance and servicing kit, 16 pcs: cleaning brush, 6 pcs screwdriver set, air blower, 3 pcs Allen key, 1.5, 2, 2.5 mm, lens cleaning fluid 20 ml, cleaning cloth 140 x 140 mm, 100 pcs lens tissue sheets, tube of maintenance grease, 10 ml bottle of oil, packed in a nice toolbox



● *PB.5275*

www.euromex.com

All information may be changed without prior notice v.531231