

iScope®

HIGHLIGHTS

- ✓ Life Sciences microscopes
- ✓ EWF10x/22mm and WF10x/20mm eyepieces
- ✓ Binocular and trinocular models
- ✓ Quintuple nosepiece
- ✓ E-plan and Plan objectives
- ✓ Integrated mechanical stage
- ✓ Diascopic NeoLED™ illumination
- ✓ iCare Sensor
- ✓ CSS – Cable storage system



IS.1152-EPL

Specifications

Eyepieces

EWF10x/22 mm or EWF10x/20mm eyepieces

Heads

Binocular and trinocular versions with Siedentopf 30° inclined tubes
Interpupillary distance 47-76 mm with diopter adjustment on left eyepiece

Nosepieces

Revolving quintuple reversed nosepiece on ball bearings

Objectives

E-Plan EPL 4x/0.10, 10x/0.25, 20x/0.40, S40x/0.65, S100x/1.25 oil-immersion DIN objectives
E-Plan EPL IOS 4x/0.10, 10x/0.25, 20x/0.40, S40x/0.65, S100x/1.25 oil-immersion DIN objectives
Plan PL IOS 4x/0.10, 10x/0.25, 20x/0.40, S40x/0.65, S100x/1.25 oil-immersion DIN objectives
All optical parts are anti-fungus treated

Stages

140 mm x 160 mm stage equipped with integrated 79 x 52 mm mechanical stage
216 mm x 150 mm rackless stage equipped with integrated 79 x 52 mm mechanical stage

Condenser

In height adjustable Abbe N.A. 1.25 condenser with opening for optional sliders

Focusing adjustment

Coaxial coarse and fine adjustments, 2 µm precision, 20 mm travel range
Rack-stop for protection of slides and objectives
Friction adjustment

Illumination and power supply

Diascopic intensity adjustable 3W NeoLED™ illumination with internal 85V-240V power supply

iCare Sensor

The unique iCare Sensor is developed to avoid unnecessary loss of energy. The illumination of the microscope automatically switches off when the microscopist steps away from his position

CSS - Cable Storage System

The Cable Storage System of the iScope allows the user to practically insert the power cable into the backside of the instrument, which enables easy storage

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Models	Bino	Trino	EWF10x 20mm	EWF10x 22mm	E-plan objectives	E-plan IOS objectives	Plan IOS objectives	Mechanical rackless stage	iCare sensor	Köhler
IS.1152-EPL	•		•		•				•	
IS.1153-EPL		•	•		•				•	
IS.1152-EPLi	•			•		•		•	•	
IS.1153-EPLi		•		•		•		•	•	
IS.1152-PLi	•			•			•	•	•	•
IS.1153-PLi		•		•			•	•	•	•

Accessories & spare parts

- IS.6010 EWF 10x/20 mm eyepiece
 IS.6011 EHWF 10x/22 mm eyepiece
 IS.6099 Pair of eye cups for iScope® models

 IS.7104 E-plan EPL 4x/0.10 objective
 IS.7110 E-plan EPL 10x/0.25 objective
 IS.7140 E-plan EPL S40x/0.65 objective
 IS.7100 E-plan EPL SMP S100x/1.25 objective

 IS.8804 E-plan EPLi 4x/0.10 IOS objective, infinity corrected
 IS.8810 E-plan EPLi 10x/0.25 IOS objective, infinity corrected
 IS.8840 E-plan EPLi S40x/0.65 IOS objective, infinity corrected
 IS.8800 E-plan EPLi S100x/1.25 IOS objective, infinity corrected

 IS.7204 Plan PLi 4x/0.10 IOS objective, infinity corrected
 IS.7210 Plan PLi 10x/0.25 IOS objective, infinity corrected
 IS.7240 Plan PLi S40x/0.65 IOS objective, infinity corrected
 IS.7200 Plan PLi S100x/1.25 IOS objective, infinity corrected



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