

iScope®

HIGHLIGHTS

- ✓ Life Sciences microscopes
- ✓ EWF 10x/22 mm and EWF 10x/20 mm eyepieces
- ✓ Binocular and trinocular models
- ✓ Quintuple nosepiece
- ✓ E-plan, Plan and Plan Phase objectives
- ✓ Diascopic NeoLED™ illumination
- ✓ iCare Sensor
- ✓ CSS – Cable Storage System



IS.1152-PLi

Specifications

Eyepieces

EWF 10x/22 mm or EWF 10x/20 mm 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 ⁽¹⁾	S40x/0.65	S60x/0.85 ⁽¹⁾	S100x/1.25 ⁽²⁾
E-Plan EPLi IOS	4x/0.10	10x/0.25	20x/0.40 ⁽¹⁾	S40x/0.65		S100x/1.25 ⁽²⁾
Plan PLi IOS	4x/0.10	10x/0.25	20x/0.40 ⁽¹⁾	S40x/0.65	S60x/0.85 ⁽¹⁾	S100x/1.25 ⁽²⁾
Plan Phase PLPH		10x/0.25	20x/0.40	S40x/0.65		S100x/1.25 ⁽²⁾
Plan Phase PLPHi IOS		10x/0.25	20x/0.40	S40x/0.65		S100x/1.25 ⁽²⁾

⁽¹⁾ Optional objectives ⁽²⁾ Oil immersion objective

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

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

Height-adjustable Abbe N.A. 1.25 condenser with iris diaphragm and opening for optional phase contrast sliders. Height-adjustable Zernike NA. 1.25 phase contrast disc condenser

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 or 3W Köhler 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 shortly after microscopists step away from their position

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CSS - Cable Storage System

iScope allows users to easily insert the power cable into the backside of the instrument, which enables easy storage

Models	Bino	Trino	EWF 10x 20 mm	EWF 10x 22 mm	E-plan objectives	Plan Phase objectives	E-plan IOS objectives	Plan IOS objectives	Plan Phase IOS objectives	Mechanical rackless stage	iCare sensor	Köhler LED
IS.1152-EPL	•		•		•						•	
IS.1153-EPL		•	•		•						•	
IS.1152-PLPH	•		•			•					•	
IS.1153-PLPH		•	•			•					•	
IS.1152-EPLi	•			•			•			•	•	
IS.1153-EPLi		•		•			•			•	•	
IS.1152-PLi	•			•				•		•	•	•
IS.1153-PLi		•		•				•		•	•	•
IS.1152-PLPHi	•			•					•	•	•	•
IS.1153-PLPHi		•		•					•	•	•	•

Accessories & spare parts

IS.6010 EWF 10x/20 mm eyepiece
 IS.6011 EWF 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.7110 E-plan EPL 20x/0.40 objective
 IS.7140 E-plan EPL S40x/0.65 objective
 IS.716 E-plan EPL S60x/0.85 objective
 IS.7100 E-plan EPL 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.8820 E-plan EPLi 20x/0.40 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.7210 Plan PLi 20x/0.25 IOS objective, infinity corrected
 IS.7240 Plan PLi S40x/0.65 IOS objective, infinity corrected
 IS.7260 Plan PLi S60x/0.85 IOS objective, infinity corrected
 IS.7200 Plan PLi S100x/1.25 IOS objective, infinity corrected

IS.7710 Plan Phase PLPH 10x/0.25 objective
 IS.7720 Plan Phase PLPH 20x/0.40 objective
 IS.7740 Plan Phase PLPH S40x/0.65 objective
 IS.7700 Plan Phase PLPH S100x/1.25 objective

IS.8910 Plan Phase PLPHi 10x/0.25 IOS objective, infinity corrected
 IS.8920 Plan Phase PLPHi 20x/0.40 IOS objective, infinity corrected
 IS.8940 Plan Phase PLPHi S40x/0.65 IOS objective, infinity corrected
 IS.8900 Plan Phase PLPHi S100x/1.25 IOS objective, infinity corrected



IS.1153-EPL



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