

# **iScope**<sup>®</sup>

# 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 <sup>(1)</sup>	S40x/0.65	S60x/0.85 (1)	S100x/1.25 (2)
E-Plan EPLi IOS	4x/0.10	10x/0.25	20x/0.40 <sup>(1)</sup>	S40x/0.65		S100x/1.25 (2)
Plan PLi IOS	4x/0.10	10x/0.25	20x/0.40 <sup>(1)</sup>	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)

<sup>(1)</sup> 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  $\mu$ m 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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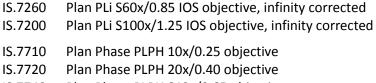
## **CSS - Cable Storage System**

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

Models	Bino	Trino	EWF 10x	EWF 10x	E-plan	Plan Phase	E-plan IOS	Plan IOS	Plan Phase IOS	Mechanical	iCare	Köhler
			20 mm	22 mm	objectives	objectives	objectives	objectives	objectives	rackless stage	sensor	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 IS.6011	EWF 10x/20 mm eyepiece 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.7204	Plan PLi 4x/0.10 IOS objective, infinity corrected



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

Plan PLi 10x/0.25 IOS objective, infinity corrected

Plan PLi 20x/0.25 IOS objective, infinity corrected

Plan PLi S40x/0.65 IOS objective, infinity corrected





IS.1153-EPL



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Datasheet v.523111

IS.7210

IS.7210

IS.7240

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