

Oxion for dark field applications

HIGHLIGHTS

- ✓ Microscope for Dark field application
- ✓ Plan IOS objectives
- ✓ Cardioid mirror Oil immersion condenser
- ✓ Diascopic 5 W NeoLED™ illumination
- ✓ S100x objective with built-in iris diaphragm
- ✓ 10 years warranty



Specifications

Eyepieces

DIN WF 10x/22 mm

Head

Siedentopf trinocular with 30° inclined tubes

Interpupillary distance 50-75 mm

Diopter adjustment on both eyepieces

Nosepiece

Revolving quintuple reversed nosepiece on ball-bearings

Objectives

Infinity corrected achromatic DIN Plan achromatic IOS 4x/0.10, 10x/0.25, S40x/0.65 and S100x/1.25 oil objectives. The S100x oil immersion objective have a built-in iris diaphragm.

Plan PL 20x and S60x objectives are optional. All optical parts are anti-fungus treated

Stage

Standard 150 mm x 140 mm stage with 76 mm x 50 mm integrated mechanical stage

Condenser

In height adjustable N.A. 1,25 Cardioid mirror Oil immersion condenser for dark field applications. Especially suitable for living blood analysis

Focusing adjustment

Coaxial coarse and fine adjustments, 2 µm precision

Friction adjustment

Diascopic Illumination

Diascopic intensity adjustable 5 W NeoLED™ illumination with internal 85-240 V power supply, built into the Cardioid mirror Oil condenser. The 3 W NeoLED™ illumination in the microscope base is also available.



Models	Features				
	Trino *	4x/10x/S40x objectives	S100x objective with iris diaphragm	Cardioid mirror oil immersion condenser	5 W NeoLed illumination
OX.3064	•	•	•	•	•

(*) one needs to add to the photo port an optional C-mount adapter in relation with camera sensor size, see below "Accessories & spare parts", references AE.5056, AE.5057 or AE.5058

Accessories & spare parts

AE.3210 HWF 10x/22 mm eyepiece
 AE.3215 HWF 15x/13 mm eyepiece
 AE.3223 HWF 10x/22 mm eyepiece with micrometer
 AE.3225 Pair eyecups for eyepieces

AE.3104 Plan achromatic objective 4x
 AE.3106 Plan achromatic objective 10x
 AE.3108 Plan achromatic objective 20x
 AE.3112 Plan achromatic objective S60x
 AE.3114 Plan achromatic objective S100x, N.A. 1.25 oil-immersion
 86.521 Plan objective PL S100x, N.A. 1.25 oil-immersion with iris diaphragm

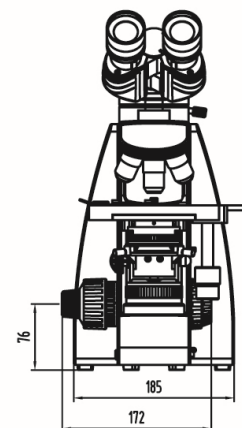
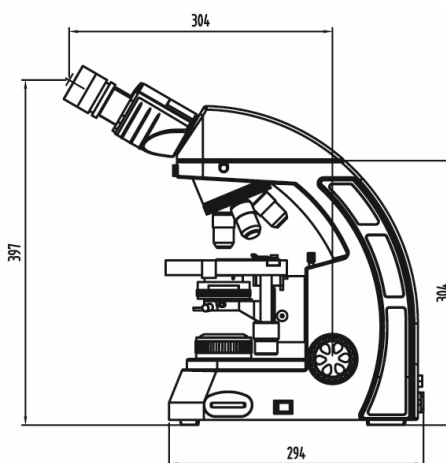
AE.3192 Analyser mounted in slider for nosepiece

AE.5056 Photo 1,0x adapter for 1/2 inch camera with C/CS mount
 AE.5057 Photo adapter 0,5x for 1/2 inch cameras with C/CS mount
 AE.5058 Photo 0,33x adapter for 1/3 inch camera with C/CS mount

AE.5527 Adapter for reflex SLR camera without T-2 adapter and without AE.5045
 AE.5025 T2 adapter for Nikon SLR camera
 AE.5040 T2 adapter for Canon EOS SLR camera
 AE.5045 3.2x lens for AE.5527

AE.5274 Isopropanol 99%, 200 ml cleaning liquid
 AE.3199 Spare fuses 3.15 A 250 V, pack of 10

PB.5155 Microscope slides 76 x 26 mm, grounded edges, 50 pieces
 PB.5165 Cover glasses, 18 x 8 mm, 100 pieces
 PB.5255 Immersion oil, 25 ml
 PB.5274 Isopropyl alcohol 99%, 200 ml, cleaning liquid



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