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Objective Assistant

→ Objective Assistant → List of Objectives

Print

Objective data

PDF Brochure: Objectives from Carl Zeiss (5 MB)

Objective Class: Fluor

Widest apertures, high transmission already from 340nm →

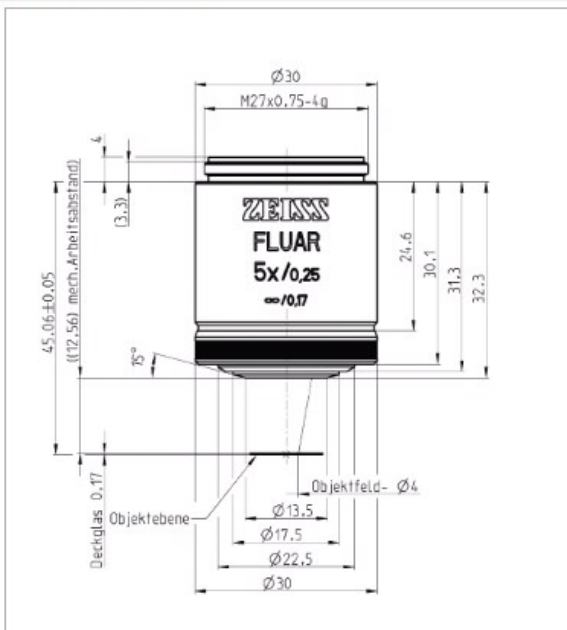
<p>→ Transmittance curve</p>	Objective Fluor 5x/0.25 M27
	420130-9900-000
	<input type="button" value="Basket"/>
Price	→ Price
Magnification	5x
Numerical Aperture	0,25
Working Distance [mm]	12,5
Coverglass Thickness [mm]	0,17
Thread Type	M27x0,75
Immersion	Without Immersion
Field of View [mm]	23
Parfocal Length [mm]	45,06
Long Distance (LD)	
Correction Ring (Korr)	
Iris (Iris)	
Optical System	Infinity Color Corrected System (ICS)
Flatness	★
Color Correction	★
Biomedical Applications	
Fluorescence	■
- Multichannel	★
- Ultraviolet Transmission	★★★★★
- Infra Red Transmission	★★★★
BrightField (H)	■
Differential Interference Contrast (DIC)	
High Contrast DIC (HC DIC)	
PlasDIC Contrast	
Phase Contrast (PH)	
VAREL Contrast	
Hoffman Modulation Contrast (HMC)	
Polarization Contrast (POL)	
Materials (Reflected Light) Applications	
BrightField (H)	
BrightField/DarkField (HD)	
Reflected Light DIC (RL DIC)	
High Contrast DIC (HC DIC)	
DIC with circular polarized light (C-DIC)	
Total Interference Contrast (TIC)	
Polarization Contrast (POL)	
Options	

Objective Fluor 5x/0.25 M27



(WD=12.5mm)

Mechanical Dimensions



All measures in [mm]

mech. Arbeitsabstand = mechanical working distance
 Deckglas = cover glass
 Objektebene = object plane
 Objektfeld = object field
 Ausleuchtung = illumination
 Probenzugänglichkeit = specimen accessibility

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 - > Filter Assistant
 - Objective Assistant
- Further Products
 - > FISH Probes

Brock & Michelsen A/S
 Blokken 76
 DK-3460 Birkerød
 Denmark

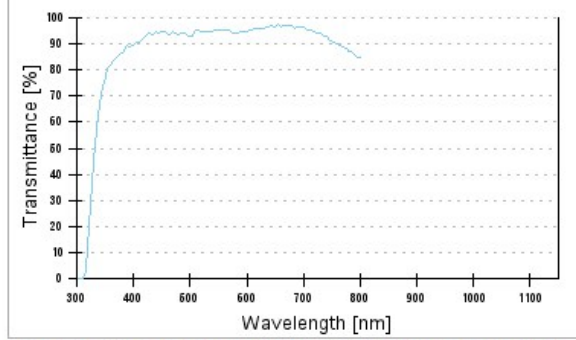
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Confocal Microscopy	■
- Ultra Violet	★★★★★
- VIS (visible light)	★★★
NLO-IR / 2 Photon	
Total Internal Reflection Fluorescence (TIRF)	
ApoTome	
Microdissection	■

Transmittance curve



Please note that due to production tolerances, the given values are typical only and not guaranteed.

Fitting Accessories for
420130-9900-000 Objective Fluar 5x/0.25 M27

Other Accessories



Adapter 30mm with optics and DIC slider mount
Order Number: 424516-9040-000
for adaptation of objectives M27 with parfocal length of 45 mm

Note: This item is no longer available.

→ Price

Compatibility

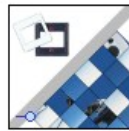


Adapter 30mm with optics and DIC slider mount
Order Number: 424516-9041-000
for adaptation of objectives M27 with parfocal length of 45mm

→ Price

Compatibility

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Objective ring ACR for objective sleeve cylindrical short
Order Number: 424508-0000-000

→ Price

Compatibility

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