See all 6 Products in Family

Olympus 10X WLI Objective

See More by Olympus

Stock **#91-172** NEW CONTACT US

- 1 +

£3,876.00

ADD TO CART

Volume Pricing	
Qty 1+	**£3,876.00** each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Model Number:
WLI10XMRTC

Compatible Tube Lens Focal Length (mm):
Focal Length: 180mm

Type:
Microscope Objective

Style:
Infinity Corrected

Manufacturer:
Olympus

Note:
Designed to be used with a 180mm Tube Lens, Sold Separately

Physical & Mechanical Properties

Field of View (mm):
2.2

Length excluding Threads (mm):
36.80

Maximum Diameter (mm):
29.7

Optical Properties

Focal Length FL (mm):
18.00

Magnification:
10X

Numerical Aperture NA:
0.30

Resolving Power (µm):
1.12

Depth of Field (µm):
3.06

Working Distance (mm):
8.2

Field Number (mm):
22

Parfocal Length (mm):
45

Depth of Focus (µm):
305.6

Entrance Pupil Diameter (mm):
10.80

Threading & Mounting

Mounting Threads:
RMS / 20.32mm x 36 TPI

Regulatory Compliance

RoHS 2015:
Exempt

Certificate of Conformance:
View

Product Details

- Combines High Numerical Aperture and Broad Field of View
- Thermal Compensation & Stability Features
- Suitable for 3D Surface Metrology and Profilometry

Olympus WLI Infinity Corrected Interferometry Objectives' advanced optical design combines a high numerical aperture with a broad field of view, capturing fine surface details across large areas for visual clarity. Each objective features a built-in adjustment ring that compensates for temperature-induced focused shifts, allowing stability and consistent measurement accuracy even under unstable environmental conditions. These objectives are designed to be used with a 180mm focal length tube lens and are available in magnification of 10 – 50X. Olympus WLI Infinity Corrected Interferometry Objectives are ideal for 3D surface metrology and profilometry applications, including semiconductor inspection, precision machining, optical coating evaluation, and microelectronic characterization.

;