

## 10X EO HR Infinity Corrected Objective



10X EO HR Infinity Corrected Objective (#58-372)

Stock **#58-372** **4 In Stock**

-

1

+

£2,316<sup>25</sup>

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| Qty 1-4        | £2,316.25 each                |
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ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

## SPECIFICATIONS

### General

28-20-45-000

Model Number:

Compatible Tube Lens Focal Length (mm):

|                                    |                                        |
|------------------------------------|----------------------------------------|
| Focal Length: 200mm                |                                        |
| Microscope Objective               | Type:                                  |
| Infinity Corrected                 | Style:                                 |
| Physical & Mechanical Properties   |                                        |
| 76.00                              | Length excluding Threads (mm):         |
| 34                                 | Maximum Diameter (mm):                 |
| 205.00                             | Weight (g):                            |
| Optical Properties                 |                                        |
| 0.64mm                             | Horizontal Field of View, 1/2" Sensor: |
| 0.88mm                             | Horizontal Field of View, 2/3" Sensor: |
| 11.00                              | Field Stop Diameter (mm):              |
| 20.00                              | Focal Length FL (mm):                  |
| 10X                                | Magnification:                         |
| 0.45                               | Numerical Aperture NA:                 |
| 0.74                               | Resolving Power (μm):                  |
| 2.70                               | Depth of Field (μm):                   |
| 19.00                              | Working Distance (mm):                 |
| 400 - 700                          | Wavelength Range (nm):                 |
| 95                                 | Parfocal Length (mm):                  |
| N/A                                | Immersion Liquid:                      |
| Threading & Mounting               |                                        |
| M26 x36 TPI                        | Mounting Threads:                      |
| Environmental & Durability Factors |                                        |
| +23 ±5                             | Operating Temperature (°C):            |
| 30 - 70%                           | Operating Humidity:                    |
| Regulatory Compliance              |                                        |
| Compliant                          | RoHS 2015:                             |
| View                               | Certificate of Conformance:            |
| Compliant                          | Reach 235:                             |

## PRODUCT DETAILS

- High Resolving Power
- Designed for use in Zoom Lens Systems
- Features Mitutoyo Standard M26 x36 TPI Threads

EO High Resolution Infinity Corrected Objectives are designed for high resolution over a small field of view. These objectives feature Mitutoyo standard M26 x36 TPI threads and a 95mm parfocal length which allows them to be used interchangeably with Mitutoyo microscopes and accessories. While usable with Mitutoyo microscopes and accessories, these objectives perform best when used in a zoom lens system. EO High Resolution Infinity Corrected Objectives feature near-diffraction limited on axis performance. For longer working distance objectives that can be used in Mitutoyo systems, see our [EO Infinity Corrected Long Working Distance Objectives](#).

## TECHNICAL INFORMATION

