100X Water Immersion Objective, Nikon CFI60 Plan

See More by Nikon

Stock **#75-360** NEW **1 In Stock**

- 1 + **₹11,29,782**

ADD TO CART

Volume Pricing	
Qty 1+	**₹11,29,782** each
Need More?	Request Quote

Product Downloads

SPECIFICATIONS

General

Model Number:
MRL07920

Compatible Tube Lens Focal Length (mm):
Focal Length: 200mm

Type:
Microscope Objective

Style:
Infinity Corrected

Manufacturer:
Nikon

Physical & Mechanical Properties

Field of View (mm):
0.22

Length excluding Threads (mm):
57.30

Maximum Diameter (mm):
35.5

Weight (g):
225

Optical Properties

Compatible Cover Glass Thickness (mm):
N/A

Horizontal Field of View, 1/2" Sensor:
0.064

Horizontal Field of View, 2/3" Sensor:
0.088

Magnification:
100X

Numerical Aperture NA:
1.1

Working Distance (mm):
2.5

Field Number (mm):
22

Parfocal Length (mm):
60.5

Immersion Liquid:
Water

Sensor

Maximum Sensor Format:
2/3"

Threading & Mounting

Mounting Threads:
M25 x 0.75

Regulatory Compliance

Certificate of Conformance:
View

PRODUCT DETAILS

- Water Dipping Design for Live Imaging
- Optimized for Infrared (IR) and Multiphoton Microscopy
- High NA for Superior Resolution

Nikon CFI60 Water Dipping Objectives design allows direct immersion into aqueous samples, reducing optical aberrations and enabling high-resolution, live imaging of thick specimens. These objectives are designed with high numerical apertures and long working distances and are available in a variety of magnifications. Featuring M25 x 0.75 mounting threads, these objectives can be easily integrated into existing microscopy systems. Nikon CFI60 Water Dipping Objectives enable high-resolution, low-aberration imaging deep within living tissues by efficiently transmitting infrared light and correcting optical distortions specific to multiphoton and IR microscopy.