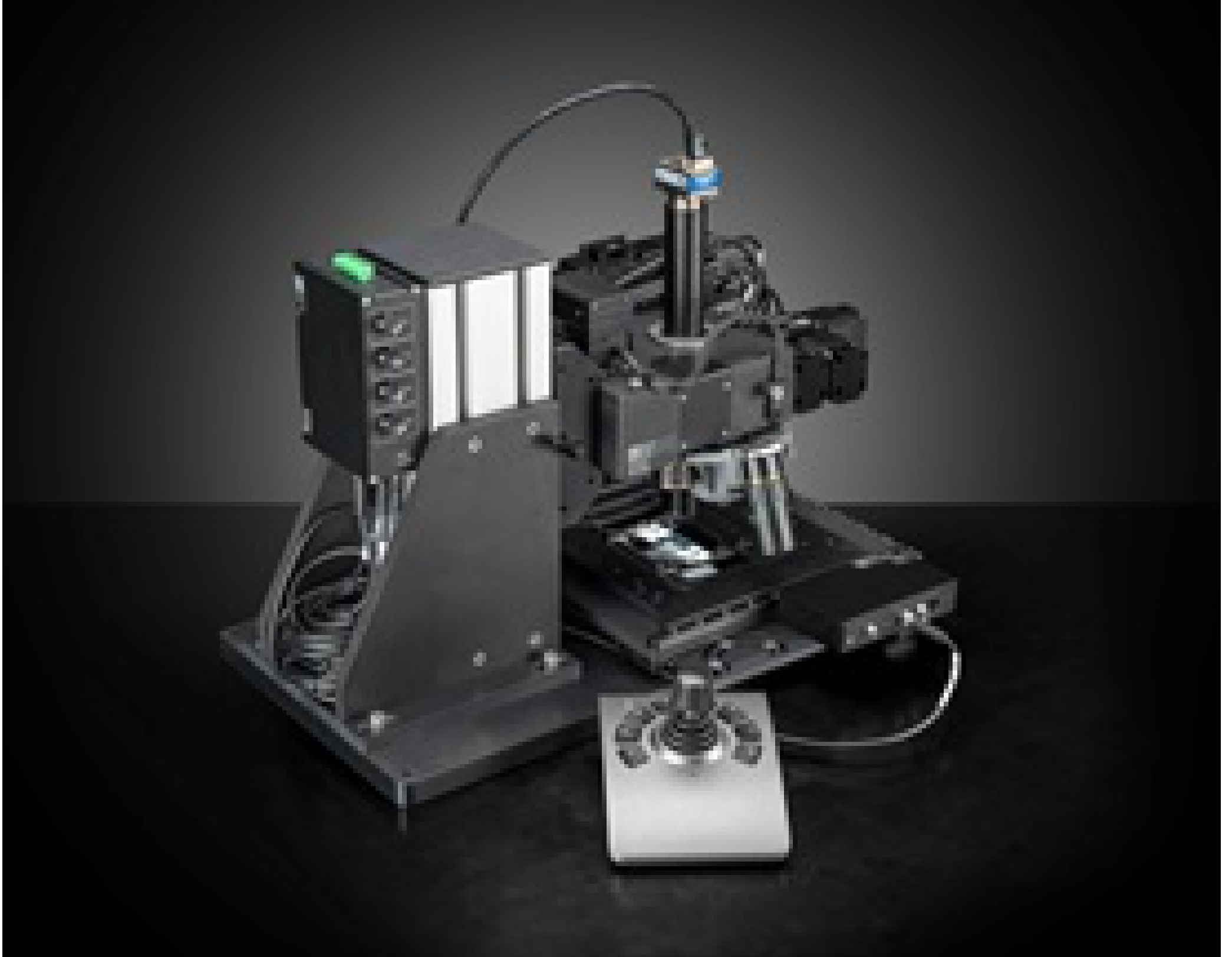


[See all 19 Products in Family](#)

Automated Upright Microscope Olympus

See More by [Zaber™](#)



Automated Upright Microscope



Stock #29-350 **1 In Stock**

⊖ 1 ⊕ €32.930⁰⁰

ADD TO CART

| Volume Pricing | |
|----------------|-------------------------------|
| Qty 1+ | €32.930,00 each |
| Need More? | Request Quote |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Compatible Tube Lens Focal Length (mm):
200 mm

Compatible Objectives:
UPLXAPO, UPLFLN, PLN, MPLFLN, MPLAPON

Filter Cube Turret:
Holds up to 6 "Push & Click" Filter Cubes

Note:
See Accessories for Compatible Illuminators and Stage Inserts

Final magnification of Olympus objectives is reduced by 10%. There is no other impact on their optical performance

Physical & Mechanical Properties

Dimensions (mm):
440 x 360

Travel (mm):
100 x 120

Focus Travel (mm):
25

Optical Properties

Parfocal Length (mm):
45.0

Resolution (µm):
0.15625

Sensor

Maximum Sensor Format:
2/3"

Hardware & Interface Connectivity

Connector:
Locking 4-pin M8 (cables included)

Power Supply:
Power Supply Required and Sold Separately.
USA:#70-962

Threading & Mounting

Mounting Threads:
C-Mount

Objective Thread:
RMS

Regulatory Compliance

Certificate of Conformance:
[View](#)

Product Details

- Compatible with the [Zaber™ Motion Library](#) and [µManager](#) Open-Source Microscopy Software
- Supports [Olympus](#), [Nikon](#), [Zeiss](#) or Edmund Optics [TECHSPEC® 120i](#) Objectives
- Motorized XY Travel and Z-focus Movement
- Ideal for Epifluorescence and Brightfield Microscopy Applications

Automated Upright Microscopes are fully compatible with the [Zaber™ Motion Library](#) and [µManager](#) Open-Source Microscopy Software to completely automate the imaging experience. These microscopes combine Zaber's motorized XY travel and Z-focus movement control with industry leading [Olympus](#), [Nikon CF60](#), [Zeiss](#), or Edmund Optics [TECHSPEC® 120i Objectives](#). A 100 x 120mm travel XY stage, motorized objective and filter cube turrets, and a programmable 3-axis joystick are included with the microscope body to assemble a complete microscope system. Automated Upright Microscopes require stage inserts, sold separately, ([Well Plate](#), [Breadboard](#), or [Slide Holder](#)) for precise and secure mounting of samples. Epi-illuminators are available, sold separately, to provide high intensity light with 3 LED lamp channels: [385, 473, and 568nm](#), or [385, 625nm, and White](#).

Note: All necessary mounting hardware and cabling are included with each microscope configuration. Stage inserts and illumination accessories are sold separately and required for operation. Power supply required and sold separately.

Technical Information

| Stock Number | Description | Zaber™ Part Number | Zaber™ Description | Qty. Included |
|---|---|-----------------------|---|---------------|
| 29355 | 385, 473, and 568nm Microscope Illuminator | | | |
| | | MLR3A-T13A | Nucleus® microscope reflected light illuminator, 3-channel (385, 473, 568 nm) | 1 |
| | | X-LCA4 | Nucleus® X-LCA4 4-channel LED controllers | 1 |
| | | SC05 | LED extension cable, 5 ft (1.5 m) | 3 |
| 29356 | 385, 625nm, and White Microscope Illuminator | | | |
| | | MLR3B-T13A | Nucleus® microscope reflected light illuminator, 3-channel (385, white, 625 nm) | 1 |
| | | X-LCA4 | Nucleus® X-LCA4 4-channel LED controllers | 1 |
| | | SC05 | LED extension cable, 5 ft (1.5 m) | 3 |
| 29348 , 29349 , 29350 , 29351 | Motorized Upright Microscope EO, Nikon, Olympus, or Zeiss | | | |
| | | X-ASR100B120B-SE03D12 | Motorized XY microscope stages with built-in controllers and motor encoders | 1 |
| | | X-MOR4-EO3 | Nucleus® X-MOR-E objective turrets | 1 |
| | | X-JOY3 | Programmable Joysticks, 3-axis | 1 |
| | | AP260 | Microscope Baseplate, for MSR | 1 |
| | | MKR025C | Nucleus® upright microscope core (holds 6 filter cube sets) | 1 |
| | | KX15C | Kit for cables (includes X-DC06, X-USBDC) | 1 |

| | | | | |
|--|--|---------|--|---|
| | | AP110 | ASR100 Adaptor Plates, Breadboard (Sold in Pairs) | 1 |
| | | MTR300A | Upright microscope tower, 300 mm, for XY stages with 100 mm y-travel | 1 |
| | | X-DC06 | Data Cable, 6 ft (2 m) | 1 |
| | | MTC00* | Microscope camera tube, *brand specific | 1 |
| | | AM* | Magnetic objective adapter, *brand specific | 5 |

;