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Push & Click Filter Cube

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Push & Click Filter Cube



Stock #72-214 [CONTACT US](#)

- 1 + £265⁰⁰

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| Qty 1+ | £265.60 each |
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General

Empty Filter Cube **Type:**

Zeiss **Manufacturer:**

Dimensions of Compatible Optics (mm):
Excitation Filter: 25mm Dia.

Emission Filter: 25mm Dia.
Dichroic Mirror: up to 36 x 25.6mm

Note:

Compatible with Zaber Automated Upright
Microscopes and Zeiss Axio Imagers

Threading & Mounting

Thickness of Compatible Optics (mm):

Excitation Filter: up to 4mm
Emission Filter: up to 4mm
Dichroic Mirror: up to 1.1mm

Regulatory Compliance

Compliant **RoHS 2015:**

View **Certificate of Conformance:**

Compliant **Reach 240:**

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 |