

Cubes, Sliders and Rings



91000

18mm Nikon Microscopes (Diaphot, TMD)

Exciter (x) = 18mm, Emitter (m) = maximum thickness of 3.5mm, Beamsplitter = 18.26mm. **Recommend installation at Chroma to ensure proper gluing and alignment.



91001

Nikon Eclipse/Quadfluor

This metal cube is also compatible with Nikon's E400, E600, E800 and E1000 upright microscopes, as well as the TE200 and TE300 inverted Eclipse microscopes. Please note that this Eclipse/Quadfluor cube is NOT intended for use in Nikon's Eclipse TE2000 or TI2000 microscopes and should not be confused with the 91020 cube. Users should also note that early versions of Diaphot microscopes used our 91000 (18mm) cubes, but many have been converted in order to be consistent with all later Diaphot models, which use this 91001 cube. Please contact your Nikon dealer to purchase this cube empty, or mounted with the following Chroma filter sets: 19000, 19001, 19002, 19004, 19012, 39000, 39001, 39002, 39003, 39004, 39005, 39007, 39010, 31021, 49028, 59001, 59004, 59022, 69000, 69002 **Recommend installation at Chroma to ensure proper gluing and alignment.

91002

Olympus BH2



Exciter (x) = 20mm, Emitter (m) 20mm with a 2.5mm maximum thickness,
Beamsplitter = 19x28mm. **Recommend installation at Chroma to ensure proper
gluing and alignment.



91003

Olympus IMT2 Filter Cube

**Recommend installation at Chroma to ensure proper gluing and alignment.

91004

Leica Ploempak

Exciter (x) = 18mm, Emitter (m) = 18mm, Beamsplitter = 26mm.

**Recommend installation at Chroma to ensure proper gluing and alignment. However, Chroma can only align Ploem cubes with 3 screws. Those with 4 screws must be sent to Leica.





91005

Leica Aristoplan Filter Cube

Exciter (x) = 20mm, Emitter (m) = 20mm, Beamsplitter = 19x28mm. **Recommend installation at Chroma to ensure proper gluing and alignment.



91006

Zeiss Axioline 3FL Slider

Exciter (x) = 25mm, Emitter (m) 25mm, Beamsplitter = 25.5x36mm.



91007

Leica DM Filter Cube

Exciter (x) = 21.9mm, Emitter (m) = 23.4mm, Beamsplitter = 22x29mm.

**Recommend installation at Chroma to ensure proper gluing and alignment.



91009

Leica DMIRB Filter Cube

Exciter (x) = 20mm, Emitter (m) = 20mm, Beamsplitter = 22x27mm. **Recommend installation at Chroma to ensure proper gluing and alignment.



91011

Zeiss Axioline 4FL Slider

Exciter (x) = 25mm, Emitter (m) = 25mm, Beamsplitter = 25.5x36mm. Zeiss Axio 4FL has openings for 4 filters



91012

Zeiss Axio 5FL Slider

Exciter (x) = 25mm, Emitter (m) = 25mm, Beamsplitter = 25.5x36mm. Zeiss Axio 5FL has openings for 5 filters

91013

Zeiss Axio 6FL Slider



Exciter (x) = 25mm, Emitter (m) = 25mm, Beamsplitter = 25.5x36mm. Zeiss Axio 6FL has openings for 6 filters.



91015

Zeiss Axio screws into turret

Exciter (x) = 25mm, Emitter (m) = 25mm, Beamsplitter = 25.5x36mm.



91016

Zeiss Axioplan with non-tilted emission filter (Push & Click)



91017

Olympus CK40

Exciter (x) = 25mm, Emitter (m) = 20mm, Beamsplitter = 21x29mm. **Recommend installation at Chroma to ensure proper gluing.



91018

BX2 filter cube (U-MF2) For Olympus BX2 and IX2 models

Exciter (x) = 25mm, Emitter (m) = 25mm, Beamsplitter = 38x26mm. Models include BX41, BX51, BX61, IX51, IX71, and IX81



91020

Nikon TE2000/Ti

This plastic cube is also made for use in several of the 50i, 80i and 90i upright microscopes. Please note that this cube is intended for the Eclipse TE/Ti microscopes and should NOT be confused with Chroma's 91001 Eclipse/Quafluor cube. Please contact your Nikon dealer to purchase this cube empty, or mounted with the following Chroma filter sets: 19000, 19001, 19002, 19004, 19012, 39000, 39001, 39002, 39003, 39004, 39005, 39007, 39010, 49000, 49001, 49002, 49003, 49005, 49006, 49007, 49008, 49028, 59001, 59004, 59022, 69000, 69002



91024

Leica DM 2500, 3000, 4000, 5000, 6000

Exciter (x) = 21.9mm, Emitter (m) = 23.4mm, Beamsplitter = 22x29mm.**Recommend installation at Chroma to ensure proper gluing and alignment.



91026

Nikon prism-to-dichroic conversion mount

Beamsplitter = 45x31.7mm. This is not a holder for standard fluorescence filters. This is a custom modification to take the place of the bottom prism position in the TE2000. Note that the manufacturers warn that removing the original prism may void warranty.



91027

Zeiss Axio inverted 2F

Exciter (x) = 25mm, Emitter (m) = 25 mm, Beamsplitter = 25.5x36mm.



91029

Zeiss Axio Imager with tilted emission filter (Push & Click)

Exciter (x) = 25mm, Emitter (m) = 25mm, Beamsplitter = 25.5x36mm.



91030

Olympus XL

Exciter (x) = 25mm, Emitter (m) = 32mm, Beamsplitter = 32mm x 44mm with cut corners. This cube requires larger filters - please call for pricing.



91032

Laser TIRF for Nikon TE2000/Ti

Exciter (x) = 25mm, Emitter (m) = 25mm, Beamsplitter = 38x26mm. Designed to hold the recommended 2mm dichroics for TIRF applications. Accommodates dichroics up to 3mm for critical applications such as TIRF, structured illumination, super-resolution and image-splitting. Allows for precise alignment of dichroic angle of incidence during assembly by Chroma. **Not a standalone product. Sold with dichroic mirror installed at minimum.



91033

Nikon Excitation Filter Ring 18mm (for 91000 cube)



91034

Nikon Emission Filter Ring 18mm (for 91000 cube)



91035

Nikon Excitation Filter Ring 25mm (for 91001 cube)



91036

Nikon Emission Filter Ring 25mm (for 91001 cube)



91037

Zeiss Axio Filter Retaining Ring 25mm (for all cubes and sliders)



91038

BX3/IX3 filter cube (U-FF, U-M710)) For Olympus BX3 and IX3 models for 25mm filters

Exciter (x) = 25mm, Emitter (m) = 25mm, Beamsplitter = 26x38x1mm. This cube is designed to be assembled and/or disassembled without the need for tools. Models include BX43, BX53 and BX63 upright microscopes and IX73 and IX83 inverted microscopes.



91040

Olympus U-M1000 for CX41

Exciter (x) = 20mm, Emitter (m) = 20mm, Beamsplitter = 21x29x1mm.



91041

Laser TIRF for Olympus BX2 models

Exciter (x) 25mm, Emitter (m) = 25mm, Beamsplitter = 26x36x2mm. Designed to hold the recommended 2mm dichroics for TIRF applications. Accommodates dichroics up to 3mm for critical applications such as TIRF, structured illumination, super-resolution and image-splitting. Allows for precise alignment of dichroic angle of incidence during assembly by Chroma. **Not a standalone product. Sold with dichroic mirror installed at minimum. Microscope models include IX71 and IX81.



91042

Laser TIRF for Zeiss Axio

Exciter (x) = 25mm, Emitter = 25mm, Beamsplitter = 25.5x36x2mm. Not Adjustable.
Designed to accommodate dichroics up to 2mm recommended for critical applications
such as TIRF, structured illumination, super-resolution and image-splitting. **Not a
standalone product. Sold with dichroic mirror installed at minimum.



91043

IX3-FFXL filter cube (U-M101) for Olympus IX3 models for 32mm filters

Exciter (x) = 32mm, Emitter (m) 32 mm, Beamsplitter = 32x44x1mm. Large filter cube for IX3 models to accommodate larger coverage area of newer cameras. Models include IX73 and IX83 inverted microscopes.



91044

Laser TIRF for Olympus BX3/IX3 models, for 25mm filters

Exciter (x) = 25mm, Emitter (m) = 25mm, Beamsplitter = 26x36mm with a maximum thickness of 3mm. Designed to hold the recommended 2mm dichroics for TIRF applications. Accommodates dichroics up to 3mm for critical applications such as TIRF, structured illumination, super-resolution and image-splitting. Allows for precise alignment of dichroic angle of incidence during assembly by Chroma. **Not a standalone product. Sold with dichroic mirror installed at minimum. Models include IX73 and IX83.



91046

Nikon P2-EFLC filter cube for SMZ18 & SMZ25 Stereo Microscope with 25mm filters

Exciter (x) = 25mm, Emitter (m) = 25mm (2/set), Beamsplitter = 25.5x36x1mm. Filter cube for the newer large stereo microscope models introduced in 2013.**Recommend installation at Chroma to ensure proper gluing.



91049

Nikon P-EFLC filter cube for SMZ800n & SMZ1270 Stereo Microscope with 18mm filters

Exciter (x) = 18mm, Emitter (m) = 18mm (2/set), Beamsplitter = 18x26x1mm. Filter cube for the smaller stereo microscope models introduced in 2014. **Recommend installation at Chroma to ensure proper gluing.



91050

Leica DMi8 standard filter cube, for 25mm filters, fits 1mm-thick dichroics

Filter cube for new (2015) Leica DMi8 microscope models. These cubes hold the new larger size dichroics (similar to other manufacturers) with standard 1mm thickness and 25mm excitation and emission filters.

Contains a programmable chip to identify the filter set. Chroma will program the filter set number onto the chip when mounting filters in cube.



91051

Leica DMi8 filter cube, for 25mm filters, fits dichroics up to 3mm thick

Filter cube for new (2015) Leica DMi8 microscope models. These cubes hold the new larger size dichroics (similar to other manufacturers) up to 3mm thick, with 25mm excitation and emission filters.

Contains a programmable chip to identify the filter set. Chroma will program the filter set number onto the chip when mounting filters in cube.



91054

Nikon C-FFL-C

Provides larger field of view for newer Ti2 microscope to accommodate larger format sCMOS cameras.



91056

Keyence filter cube for BZX series of fluorescence microscopes

Exciter (x) = 25mm, Emitter (m) = 25mm, Beamsplitter = 25.5x36x1mm. This cube is intended to hold a 1mm-thick UltraFlat (UF1) dichroic to ensure optimal performance in structured illumination microscopy (SIM).



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