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Manual Dichroic Filter Wheel for 30 mm Cage System

NEW
product

- 30 mm Cage System Compatible
- Mounts Five 25.2 mm x 35.6 mm x 1.05 mm Dichroic Filters (MD Series)
- Magnetically Coupled Filter Holders
- Removable Filter Wheel
- Delrin Clamp Flexes to Reduce Stress on Filters and Avoid Damage
- Light Tight

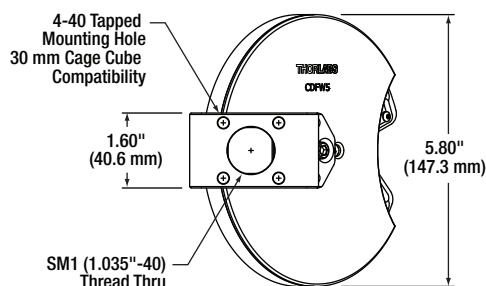
CDFW5
Shown with
cover removed

Thorlabs' new CDFW5 Manual Filter Wheel is designed for use with dichroic filters for fluorescence or wavelength separation applications. The mounting block has four light ports; two ports are set at a 45° angle to the plane of the filter on both the front and back of the housing. This allows the user access to the through and perpendicular light paths.

The filter wheel is equipped with four 4-40 tapped holes providing 30 mm cage compatibility. An SM1-threaded (1.035"-40) aperture is fully compatible with our SM1 lens tube systems. An Imperial and Metric mounting hole on the bottom of the mounting block allows the wheel to be post mounted.

The light-tight filter wheel cover is magnetically coupled and can be easily removed by hand exposing the five filter holders. Each magnetically coupled filter holder can be pulled free from the central hub to facilitate removal and replacement of a filter without disassembling or disturbing the setup. By removing one 1/4"-20 (M6) setscrew on the front of the housing as well as loosening the thumbscrew on the back of the housing, the entire wheel can be removed from a fixed cage setup.

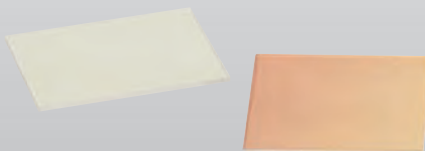
An indent at each position secures the wheel in position when making a filter change. A small window on the filter wheel housing indicates the current filter position.



Have you seen our...

Dichroic
Beamsplitters

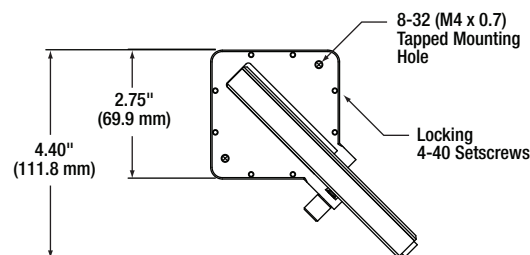
- ◆ 25.2 mm x 35.6 mm Dichroic Beamsplitter
- ◆ Available Fluorescence Filter Sets:
 - YFP • CY3.5 • TXRED
 - CFP • TRITC • WGFP
 - GFP • FITC • BFP



For more details,
see pages 1718 - 1719



The CDFW5 comes with 5 rectangular filter holders that can be removed without opening the filter wheel or removing it from the setup.



Mechanical
Drawings Available on the
WEB



The filter inserts may be removed without removing the cover.

ITEM #	METRIC ITEM #	\$	£	€	RMB	DESCRIPTION
CDFW5	CDFW5/M	\$ 600.00	£ 432.00	€ 522.00	¥ 4,782.00	Manual Dichroic Filter Wheel for 30 mm Cage System