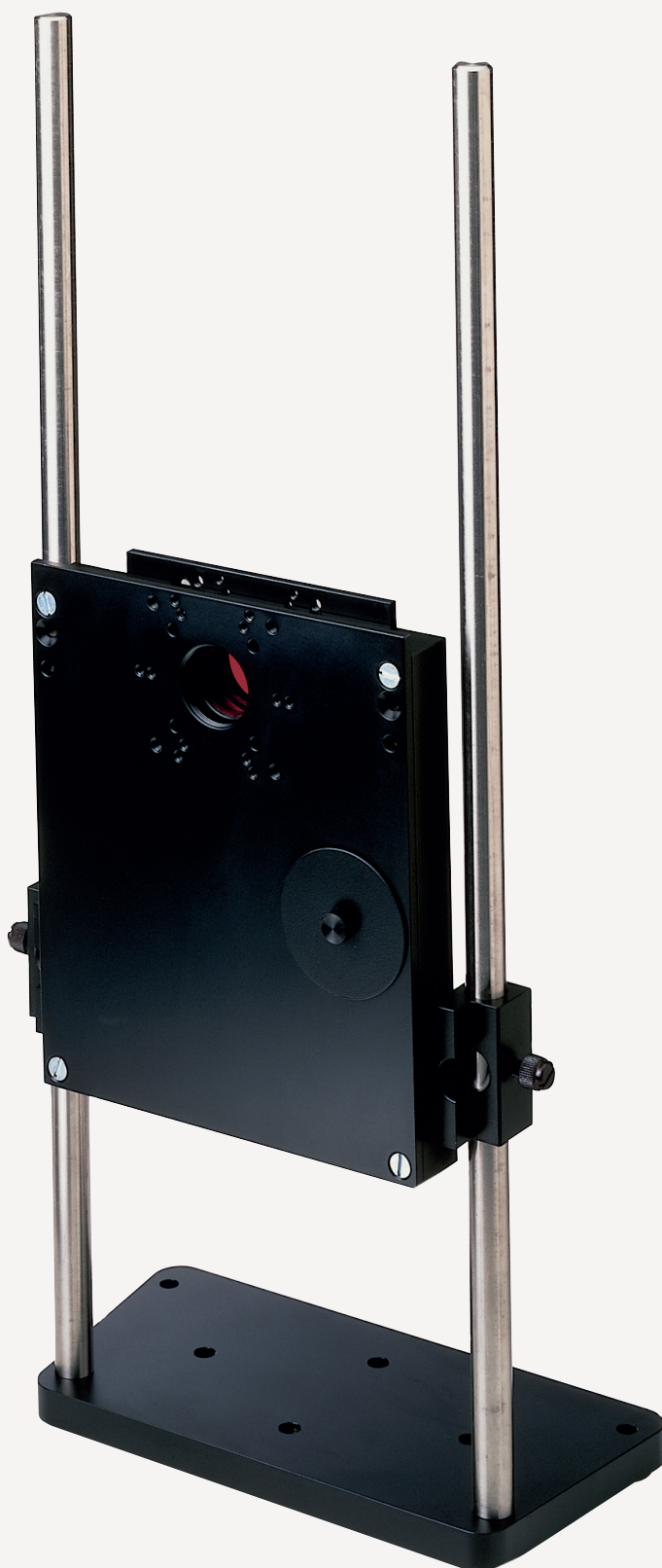


Motorised Filter Wheels and Shutters

High Speed Filter Wheel and Shutter System



The Prior Scientific Filter Wheel System can be used as a stand alone unit with the ProScan™ controller or used in conjunction with the motorised stage and focus system. The components are adaptable to a wide range of microscopes and illuminators and as such are suitable for a wide range of applications.

- Mounts on the illumination or emission side of the microscope
- Available for 25 mm (10 position) or 32 mm (8 position) filters
- A large selection of adapters to fit most illuminators
- Filter wheel position and shutter status can be controlled either by RS232 or an optional keypad
- Filter wheels can be stacked together in series
- Magnetic covers over the filter load position on both sides of the Filter Wheel give easy access to quickly change filters
- Visible filter position numbers for both the light path filter and the load position filter
- Filter wheel stand for added stability
- Optional Dual Slide in Neutral Density Filter Holder

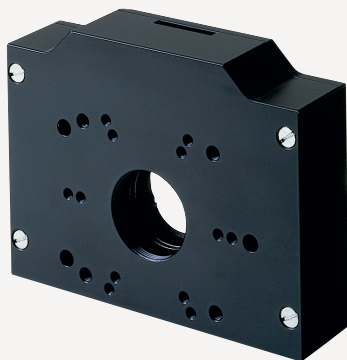
Motorised Filter Wheels and Shutters

High Speed Filter Wheel and Shutter System

The High Speed Shutter has a 40 Hz. maximum frequency of operation and can be completely closed or opened in 10 ms.

The dual slide-in filter holder mounts to the filter wheel and holds two neutral density or IR filters.

The optional filter wheel keypad allows the user to easily select any filter position from either one or two filter wheels. This is done by simply selecting the appropriate filter position key.



General Specifications

Filter Wheels:

10 position, 25 mm filters
OR 8 position, 32mm filters

Filter Wheel Speed:

55ms between adjacent positions on the HF110

Shutter Speed:

10ms

Filter Wheel Weight:

3.2 kg

Controller:

Driven via ProScan system OR
Optional Filter Wheel Keypad

Products Available

Product	Description
500-HF110	Filter wheel 10 pos./25 mm
500-HF108	Filter wheel 8 pos./32 mm
500-CS100K	Keypad for manual control of filter wheels and shutters
500-HF200	Shutter, 25 mm, mounted to HF110
500-HF201	Shutter, 32 mm, mounted to HF108
500-HF202	Shutter, 25 mm, stand alone
500-HF204	Shutter, 32 mm, stand alone
500-HF205	Dual slide in filter holder 25 mm
500-HF206	Dual slid in filter holder 32 mm
500-HF210	Adapter for Leica (pre DM series)
500-HF215	Adapter for Leica DM series
500-HF220	Adapter for Nikon Eclipse series
500-HF230	Adapter for Olympus BH series
500-HF235	Adapter for Olympus BX IX and Ax series
500-HF240	Adapter for Zeiss Axio series
500-HF245	Adapter for Zeiss (pre Axio series)

Dimensions:

'A' - Maximum on stand 540 mm

'A' - Minimum on stand 34 mm

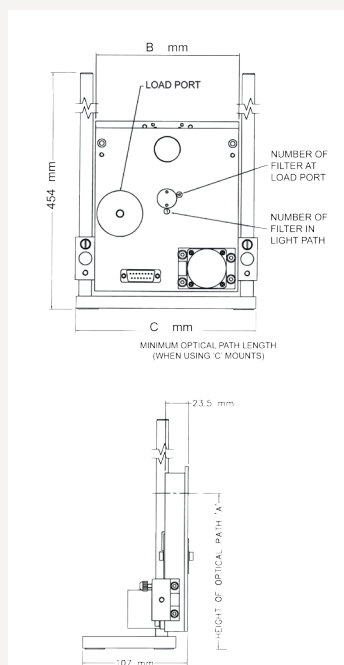
'A' - Minimum off stand 28 mm

'B' - for HF110 - 141 mm

'B' - for HF108 - 159 mm

'C' - for HF110 - 179 mm

'C' - for HF108 - 15 mm



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