Prior’s range of filter wheels allow precise and rapid control over illumination.

The Filter Wheel System can be used as a stand alone unit with the ProScan® controller or used in conjunction with the motorized 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 ports of many widely used microscopes.
- Available for 25 mm (10 position) or 32 mm (8 or 10 position) filters.
- A large selection of adapters to fit most illuminators.
- 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.
Motorized Filter Wheels
High Speed Filter Wheel

Products Available

<table>
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<tr>
<th>Product</th>
<th>Description</th>
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<tbody>
<tr>
<td>HF106A</td>
<td>Filter wheel 6 pos./25 mm filters</td>
</tr>
<tr>
<td>HF110</td>
<td>Filter wheel 10 pos./25 mm</td>
</tr>
<tr>
<td>HF108</td>
<td>Filter wheel 8 pos./32 mm</td>
</tr>
<tr>
<td>HF110/32A</td>
<td>Filter Wheel 10 pos./32 mm filters</td>
</tr>
</tbody>
</table>

Note that adapters are required for specific microscopes. Please contact Prior Scientific for more information.

General Specifications

Filter Wheels:
- 10 position, 25 mm filters
- OR 8 position, 32 mm filters
- OR 10 position, 32 mm filters.

Filter Wheel Speed:
- 55 ms between adjacent positions on the HF110 or HF108
- 95 ms between adjacent positions on the HF110/32A.

Filter Wheel Weight:
- 3.2 kg for HF110 or HF108

Controller:
- Driven via ProScan® system

Dimensions

HF110/HF108
- ‘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

HF110A/32

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