



ANDOVER CORPORATION
Quality Optical Filters and Coatings
2009 - 2010

ORDERING INFORMATION

Four Ways to Order

Online	www.andovercorp.com
Email	sales@andovercorp.com
Telephone	US toll-free 1.888.893.9992 International +00.1.603.893.6888
Fax	603.893.6508

Pricing

Current prices are available at andovercorp.com by clicking on the part numbers for particular items. For a complete price list or a specific quote, please contact our sales department.

Purchase Orders

Andover Corporation accepts e-mail, written, and online orders from customers with an open line of credit. New customers must confirm their orders in writing and supply credit references upon request.

Blanket Orders

Andover Corporation can help reduce your inventory by scheduling automatic delivery of your order over time. Complete details are available here: <http://www.andovercorp.com/info>

Payment Terms

Net 30 days from date of invoice for customers with established lines of credit. International customers should check with the sales department to determine if prepayment is required. All foreign orders are subject to shipping and banking fees. For blanket orders, please contact our sales department for special terms and conditions. Visa, MasterCard and American Express accepted.



Shipping

Most standard items ship within two days of receipt of an order. All out-of-stock products are shipped within two weeks. For rush orders, one-day shipping may be available.

All prices are FOB Salem, New Hampshire, USA. Shipments are freight prepaid and billed to the buyer.

Order online for free ground shipping within the US.

Return Policy

Andover Corporation accepts returns of defective items up to one year from the invoice date. Before returning any items, please contact our technical sales staff for a Return Goods Authorization (RGA) number and complete shipping instructions.

LIMITED WARRANTY

Andover warrants that all products shall conform to the product specifications and shall be free from defects in materials and workmanship for a period of one year from date of purchase. This Limited Warranty shall not apply in the event of any failure caused by accident, misuse, neglect, alteration or improper installation or repair by the purchaser.

Disclaimer of other warranties. The limited warranty set forth above is in place of other warranties, express or implied, and Andover expressly disclaims all other warranties, including warranties of merchantability and fitness for a particular purpose. Specifically, it is the purchaser's responsibility to test and determine the suitability of the products for purchaser's intended use, which shall be the sole responsibility of the purchaser.

Limitation of remedies and damages. Andover's sole obligation and the purchaser's sole and exclusive remedy under the Limited Warranty set forth above shall be limited to (a) replacement of defective products provided that written claim of the defect is sent to Andover within the Limited Warranty period, the original product is returned with transportation prepaid, and Andover's inspection establishes the existence of such defect; or (b) at the sole discretion of Andover, return of the original purchase price received by Andover from the purchaser. Andover shall in no event be liable for any damages, including without limitation, lost profits, incidental or consequential damages by reason of or in connection with the purchase or use of the products.

Indemnification. The purchaser agrees to indemnify and hold Andover harmless from and against any claim, loss, cost or expense resulting from purchaser's use of the products, whether such claim arises in contract, tort or otherwise.

Governing law. All matters arising under this Limited Warranty and other terms and conditions of sale shall be governed by the laws of the State of New Hampshire. The purchaser consents to the exclusive jurisdiction of the courts of the State of New Hampshire in all matters relating to the purchase, sale and use of the products.

Motorized Filter Wheel

These filter wheels are used for a host of applications, including color CCD photography, fluorescence microscopy, and photometry. Two 4" dia. wheels are available: one which accepts six 25mm filters, and one which accepts twelve 12.5mm filters.

- **Motorized or Manual**
- **Local or Remote Control**
- **Accepts 12.5mm and 25mm dia. filters**
- **Programmable Filter Sequences**

Remote or Manual Operation

Filter selection can be made manually from push buttons on the unit, or remotely from either a USB 2.0 interface, or a BNC input. The BNC input accepts a TTL level signal to trigger the rotation of the filter wheel.

Interchangeable filter wheels

The 4" dia. wheel is easily changed, allowing quick conversions between applications. Additional wheels are available.

Programming and Remote Control

Automation of filter sequences is available through the USB 2.0 interface. A simple command language facilitates retrieving filter status and making filter selections. The unit comes with the controller, filter housing, filter wheel, and a 5 VDC power supply, and threaded rings to hold the optics in place.

Applications

Color CCD photography
Fluorescence microscopy
Photometry

GENERAL SPECIFICATIONS

Access time between filters	<0.4 seconds to adjacent location
Accuracy/repeatability	±2°
Interface:	
BNC	TTL (max indexing rate 0.5Hz)
USB	USB 2.0
Manual	Push button switches
Mounting	1/4-20 & #8-32 (M6 & M4) or SM1/SM05 thread
Size	5.0" x 4.49" x 1.85" (5.43" with BNC)



- Accepts 12.5mm or 25mm dia. filters
- Motorized and manual versions available
- Labeled filter positions
- Base and post mountable

Filter Wheel Ordering Info

Description	Size & Part Number	
	12-position, 12.5mm Ø ○	6-position, 25mm Ø ○
Motorized filter wheel	FW-MOT-12.5	FW-MOT-25
Manual filter wheel	FW-MAN-12.5	FW-MAN-25
Extra wheel only	FW-12.5	FW-25

User-Defined Filter Sets

Andover Corporation offers customers the opportunity to build their own filter sets from across our product listings—whether bandpass, neutral density, dichroic, edge, or other filter category.

The only restriction is that the filters must be the same size. Take your choice of six, eight and twelve-piece sets in one of two standard sizes. All filter sets include complete spectral curve data and are shipped with a hardwood storage case.

	Size & Part Number	
	12.5mm Ø ○	25mm Ø ○
6-Piece Set	000FS06-12.5	000FS06-25
8-Piece Set	000FS08-12.5	000FS08-25
12-Piece Set	000FS12-12.5	000FS12-25

With this special offer, you automatically save...



- 5% on a 6-piece set
- 8% on a 8-piece set
- 10% on a 12-piece set