

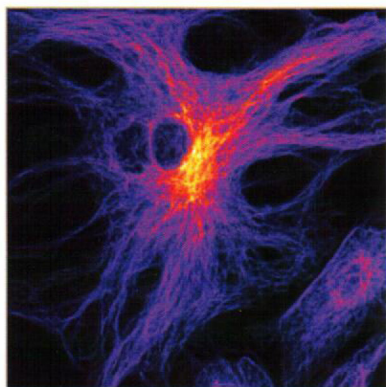
standard  
**AT**  
series

## FILTER SETS

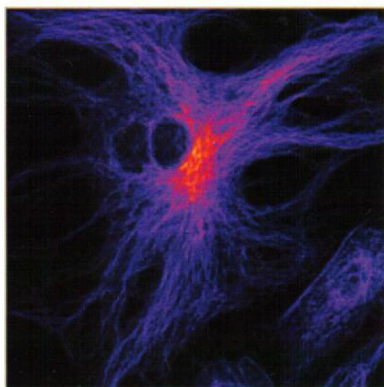
Meiji Techno uses Chroma Technology, a leading manufacturer of interference filters for the ultra-violet visible and near-infrared portions of the spectrum. Established as an employee-owned company in 1991, Chroma has specialized in the design and manufacture of precision optical filters and coatings in the United States for more than 20 years.

## The best value in sputtered optical filters: Chroma's AT filter sets

AT filters provide the same durability and longevity as our premium, zero-pixel-shift ET filters with transmission levels >90%. AT filter sets are the perfect choice for routine fluorescence detection and assays, and most applications requiring accurate color discrimination and excellent out-of-band blocking.

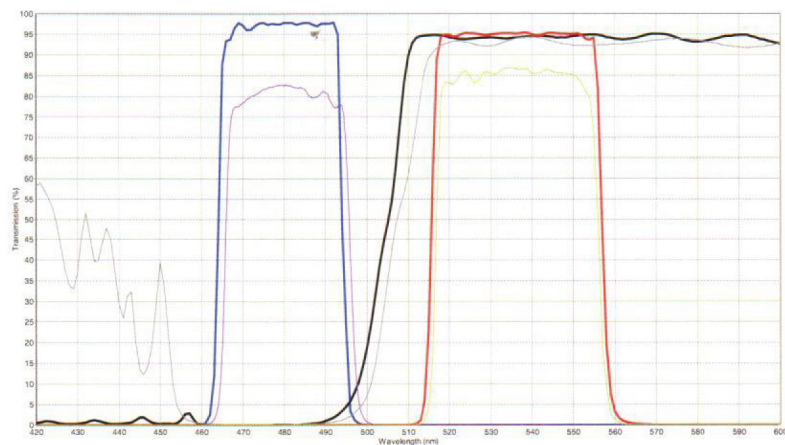


39002 "AT" filter set

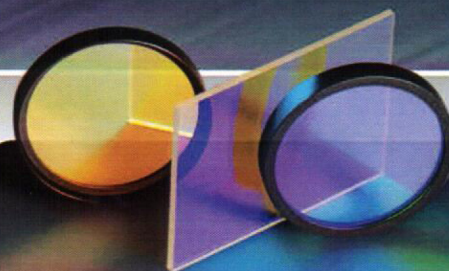


31001 Soft-coated filter set

Typical transmission spectra: 39002 AT set (**bold lines**)  
31001 soft-coated set (*thin lines*)



39002 filter set spectra: ■ AT480/30x, ex filter ■ AT505DC, dichroic ■ AT535/40m, em filter  
31001 filter set spectra: ■ D480/30x, ex filter ■ 505DCLP, dichroic ■ D535/40m, em filter



## Product Highlights

- ▶ 50% greater signal intensity than spectrally similar soft-coated filters
- ▶ Sputtered coatings, which are much more durable, harder and longer lasting than soft coatings
- ▶ Less costly than similar sputtered filters from competitors
- ▶ Elimination of heavy-metal-containing absorption glass

## Say Goodbye!

Chroma is retiring the long-standing soft-coated product lines of catalog filter sets.

On January 1, 2014, the 31000 and 41000 series bandpass filter sets and the 11000 series longpass filter sets will be discontinued.

The new AT sputtered series is comparably priced, providing a high-throughput, low-cost alternative to our premium, zero-pixel-shift ET filters.

CHROMA TECHNOLOGY CORP®

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## FILTER SETS

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### AT Bandpass Sets

Fluorochrome	Filter Set
DAPI/Hoechst/AlexaFluor 350 and similar	39000
CFP/Cerulean and similar	39001
GFP/FITC/Cy2/AlexaFluor 488 and similar	39002
YFP/Venus/Citrine and similar	39003
TRITC/Cy3/TagRFP/AlexaFluor 546 and similar	39004
Red-shifted TRITC and similar	39005
Texas Red/mCherry/AlexaFluor594 and similar	39010
Cy5/AlexaFluor/Draq5 and similar	39007
Lucifer Yellow/Tetracycline/AlexaFluor 430 and similar	39008
Acridine Orange/Di-8-ANEPPS and similar	39009

### AT Longpass Sets

Fluorochrome	Filter Set
DAPI and similar	19000
Coumarin/Pacific Blue and similar	19011
Aqua/CFP and similar	19001
GFP/FITC and similar	19002
TRITC and similar	19004
Texas Red/mCherry and similar	19006
Auramine and similar	19008
FM 1-43/Chlorophyll and similar	19010
FluoroGold/Calcofluor White and similar	19012

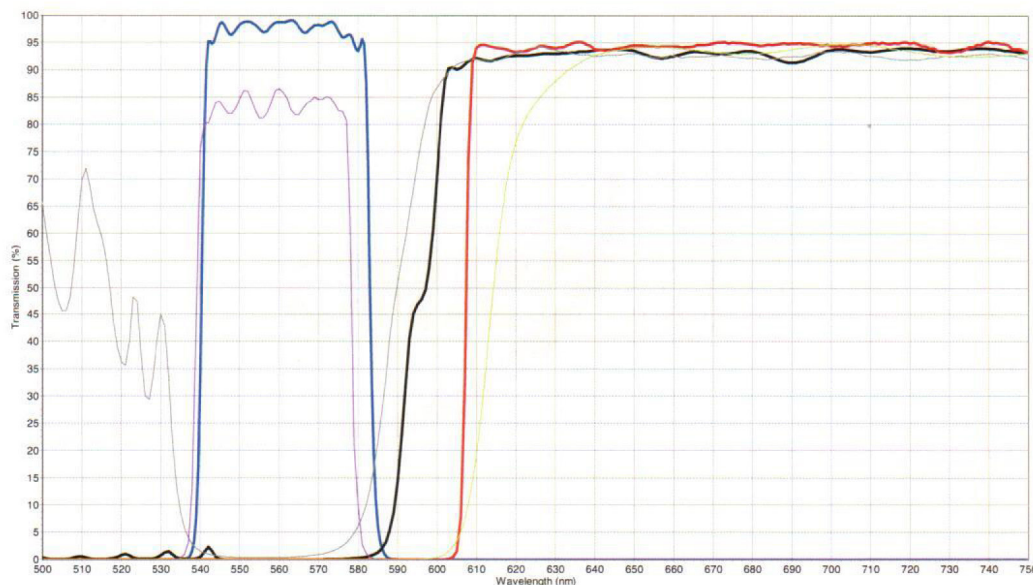
Typical transmission spectra:  
19006 AT set (*bold lines*)  
11010v2 Basic set (*thin lines*)

#### 19006 filter set spectra:

- AT560/40x, ex filter
- AT600DC, dichroic
- AT610lp, em filter

#### 11010v2 filter set spectra:

- D560/40x, ex filter
- 590DCLP, dichroic
- E610lpv2, em filter



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November 2013

