

Bandpass Filters for Biochemistry Analysers

The **bandpass optical filters** transmit a well-defined wavelength while blocking the unwanted wavelength of light.

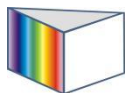
Hangzhou Shalom EO provides the interference filters used in the biochemical applications, the optical filters used in the enzymatic analyzer and Gel imager is available.



SPECIFICATIONS

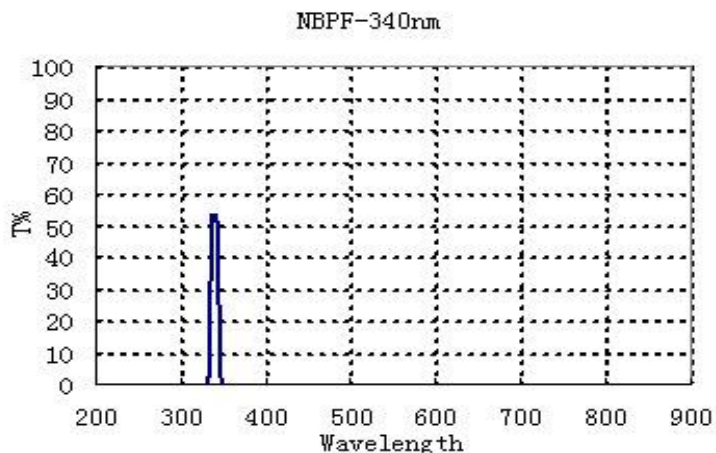
Specifications	
Coating type	Hard Coating
Blocking Wavelength Range	200~1200nm
FWHM	8.2nm
T% peak	>45%
Blocking	T10-4~10-6
Size	Dia 10mm, 12mm, 12,7mm, 15m, 25mm

Note: The custom specifications are available upon customer's request.

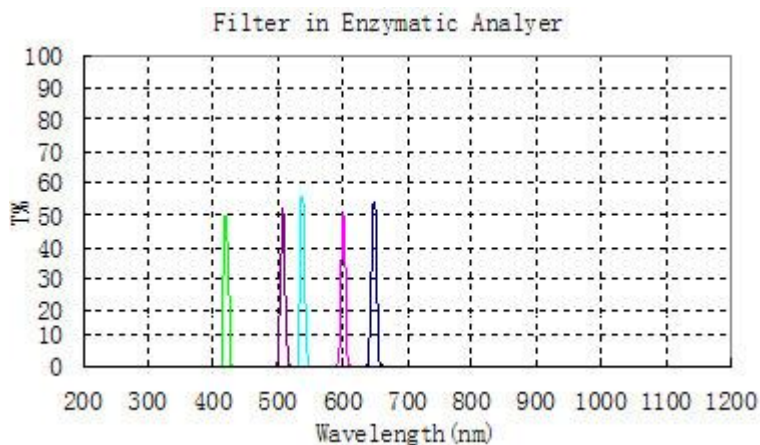


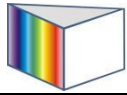
1. Optical filter--biochemical filter

CWL (nm)	FWHM (nm)	Tmax (%)	Diameter (mm)
340	8-10	45	10-25
405	8-10	45	10-25
420	8-10	45	10-25
450	8-10	45	10-25
460	8-10	45	10-25
470	8-10	45	10-25
492	8-10	45	10-25
510	8-10	45	10-25
546	8-10	45	10-25
578	8-10	45	10-25
610	8-10	45	10-25
630	8-10	45	10-25
649.5	8-10	45	10-25



2. Optical filter--In enzymatic analyzer





3. Filters used in the Gel Imaging System

Gel Imaging system can be used in preservation of molecular biology and bioengineering research. Also it can be used in such data Processing as molecular weight calculation quantification density scan PCR quantification. we can supply filters for Gel imaging system.

- Coating type: hard coating
- Substrate: Bk7 etc.
- Blocking range: 200-1200 nm
- Transmittance: >90%
- Blocking: <10⁻⁴
- CWL: 590nm

