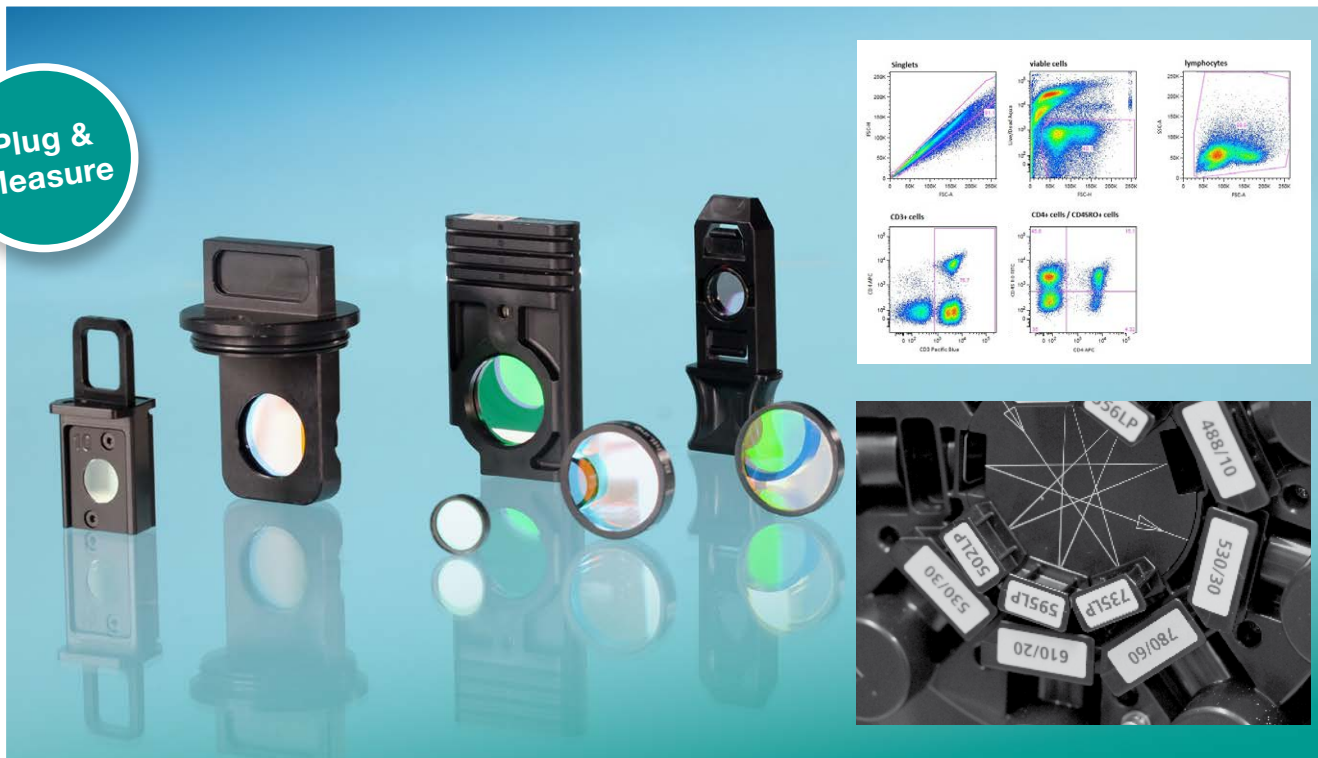




OPTICAL FILTERS

For Flow Cytometry/FACS Applications

Plug & Measure



SENSITIVE AND ACCURATE FLUORESCENCE DETECTION AND COLOR DISCRIMINATION

Today, Flow Cytometry demands perfectly orchestrated optical components to maximize the quantity of used fluorophores – and hence the amount of generated data per run. AHF offers perfectly aligned beamsplitter/bandpass pairs to minimize spectral overlap losses.

YOUR BENEFITS

- ✓ Detect more fluorophores per run by tightly trimmed and dye-specific filter sets
- ✓ Minimize false-positive responses by excellent signal noise ratios
- ✓ Receive consistent and reproducible results

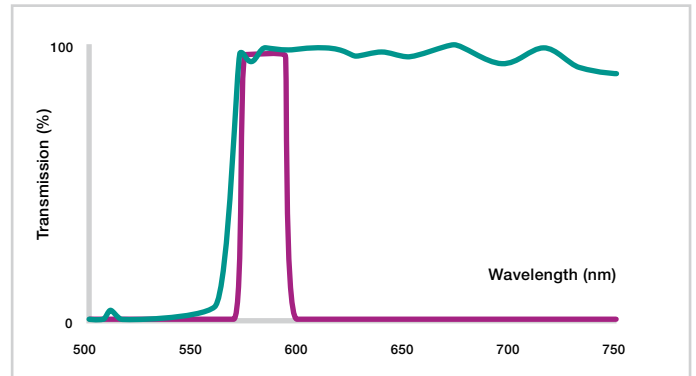
OPTICAL COMPONENTS FOR FLOW CYTOMETRY

AHF analysentechnik offers a wide range of optical components for flow cytometry and other fluorescence applications. Our portfolio includes carefully selected, laser- and dye-specific blocking bandpass filters and the corresponding beamsplitters.



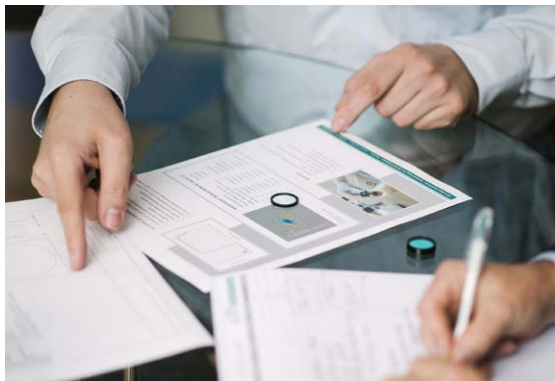
SHORTPASS AND LONGPASS / BEAMSPLITTERS

- :: Available for various flow cytometers
- :: Filter geometry adjustable to your demands
- :: AOI from 10–45° for complex optical geometries
- :: Steep edges with clear blocking and transmission bands



BANDPASS AND NOTCH FILTERS

- :: Dye-specific filters with excellent laser blocking
- :: Steep cut on
- :: Maximum transmission
- :: Reliable non-aging coatings
- :: Special notch filters to suppress lasers



INDEPENDENT EXPERTISE AND SERVICE

Benefit from AHF's vast experience in compiling adequate filter-sets for most demanding applications in all biophotonic and photo-spectrometric applications.

We work hand in hand with major and leading manufacturers, but as independent and competent consultants, we will find the best solution to your individual challenge.

ASK OUR EXPERTES!



Dr Michael Sommerauer
✉ ms@ahf.de



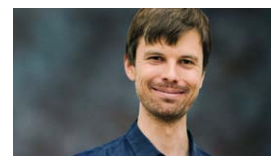
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