

Reflexionsspektrometer



1: Edinburgh Instruments FS 920

- Reflexions- und Transmissionsspektren
- Anregungsquellen:
 - 450 W Xe Entladungslampe ($I = 25.0 \text{ A}$)
- Monochromatoren: TMS300 (Czerny-Turner optics)
 - Gitter
 - Anregung
 - 200-900 nm 1800 lines/mm optimiert bis 250 nm
 - Emission
 - 200-900 nm 1800 lines/mm optimiert bis 500 nm
- Detektoren:
 - Single photon PMT detection Hamamatsu R928 (Peltier cooled)

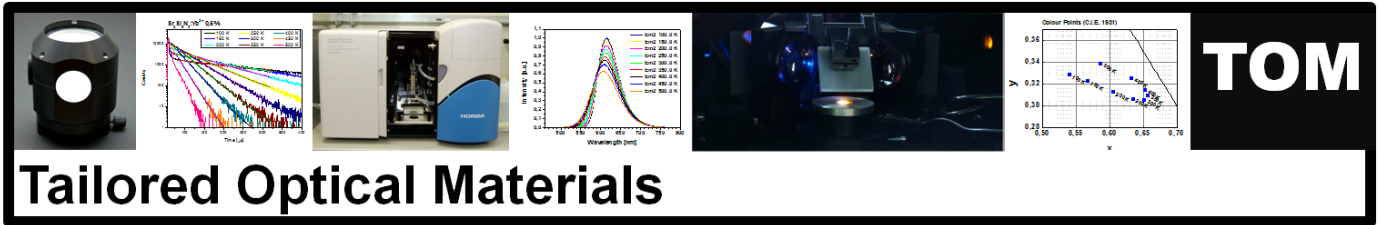
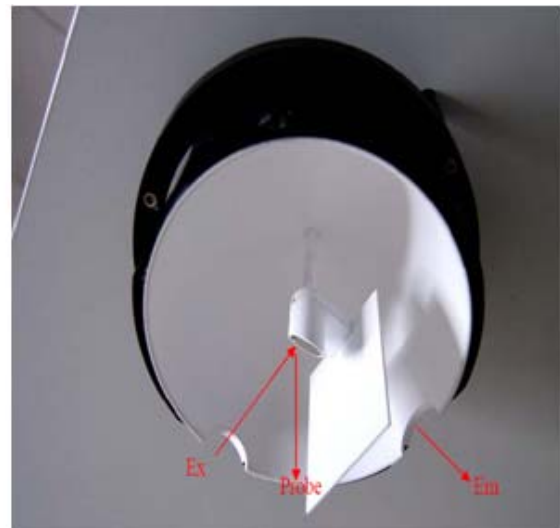
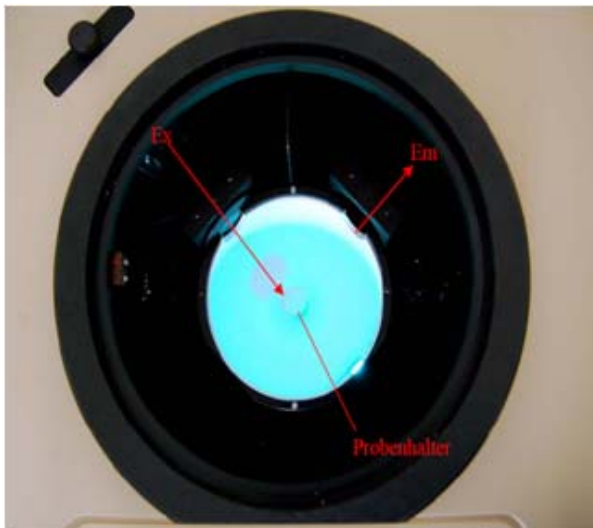
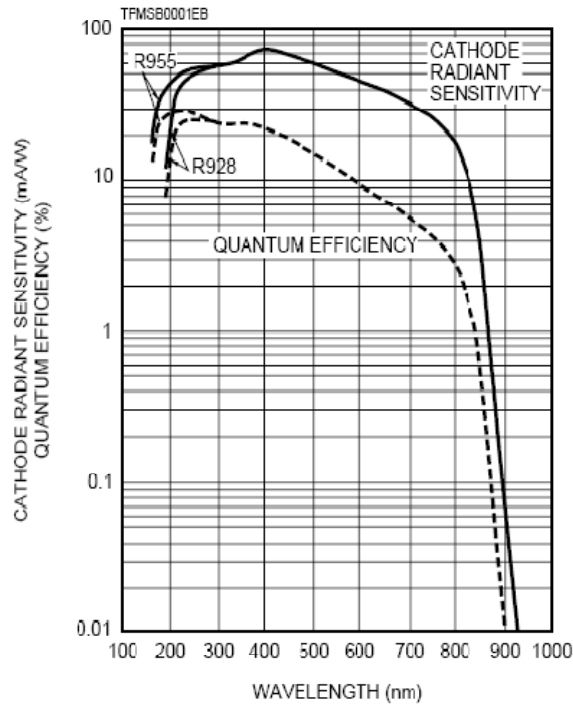


Figure 1: Typical Spectral Response



2: Aufbau mit Bariumsulfat-Ulbricht-Kugel