

Journal of Optical Technology (A Translation of Opticheskii Zhurnal) 2002 vol.69 N12, pages 893-897

---

## Wide-range microspectrophotometer with recording in the photon-counting regime

Ivanov V., Kozlov S., Sadchikov V., Denisov I., Denisova N.

*Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia*

---

### Abstract

This paper presents an automatic portable compact microspectrophotometer for measuring the electronic optical transmission and absorption spectra in unpolarized and polarized light of microsections of solid and liquid samples in a wide range of optical density with a guaranteed prespecified constant measurement error, constant in the entire spectral range of the instrumental function of the device.

---