

ABSTRACT

MINIATURE SPECTROMETER AND SPECTROSCOPIC METHOD

The invention relates to a miniature spectrometer (8) comprising an optical system, a polarization interferometer (15) comprising a polarizer (2), a Savart element (14) and an analyzer (5), a detection unit (12) comprising a detector (7), and a data unit (13). Said miniature spectrometer is characterized in that the optical system is embodied as a diffuser (1).

Fig. 1a