

## Polarization of light through scattering in an emulsion

Numero P5.4.1.3



### Descrizione

The experiment P5.4.1.3 demonstrates that unpolarized light can also be polarized through scattering in an emulsion, e. g. diluted milk, and that polarized light is not scattered uniformly in all directions.

### Dispositivi

Richiesto	Dispositivo
0/1	Cuvette made of optical glass 45 x 12,5 x 102,5 mm
0/1	Prism table
0/1	Lamp housing with cable
0/1	Bulbs 6 V/5 A/30 W, E14, set of 2
0/1	Condenser with diaphragm holder
0/1	Transformer 6/12 V
0/1	Iris diaphragm
0/2	Polarisation filter
0/1	Lens in frame, $f=200$ mm
0/1	Optical bench, S1 profile, 1 m
0/1	Clamp rider with clamp 45/65
0/5	Clamp rider with clamp 45/35