



## EQ045M

### Knowledge areas

Physics

### Key Experiments

The relationship between the object lens and the image generated by the lens

The measurement of the average wavelength of the colors of the continuous spectrum of light, interference

The measurement of the wavelength of the spectral lines of Mercury, high shoes

Diffraction of light through holes and cracks

Diffraction of laser by grating, lattice constant  $1.00 \times 10^{-6}$  m

Diffraction of light by grating with lattice constant  $8.33 \times 10^{-5}$  m

Comparing the polarization of the laser diode and polychromatic light.

The density of luminous flux on a surface

The illuminance on the illuminated area

The illuminance on the illuminated area, with luximeter

Malus' law, using a luximeter

