

KIT FOR STUDYING WAVE OPTICS ON BLACKBOARD

Mod. F-RIF-2/EV

DESCRIPTION

Kit for studying the phenomena of wave optics, diffraction, interference, holograms. The source used in this kit is a laser diode of 635 nm.

TRAINING PROGRAM

- Interference
- Diffraction by a hole or by a slot
- Polarization
- Light absorption
- Holograms

TECHNICAL SPECIFICATIONS

- Laser diode of 635 nm - 1 mW - class 2 laser
- Converging lens
- 2 mirrors
- Semi-transparent mirror
- Screen
- Set of (red, green, blue) coloured filters
- Polarizing filter
- 2 slides with circular hole
- 2 square openings
- Diffraction gratings
- Cross grating
- Hologram
- Thin pane for interference
- Supports for optical elements
- Batteries for laser



SUPPLIED WITH
THEORETICAL - EXPERIMENTAL
HANDBOOK

