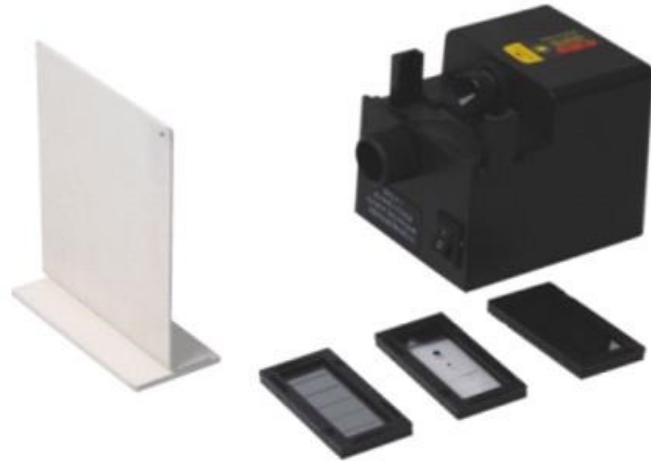


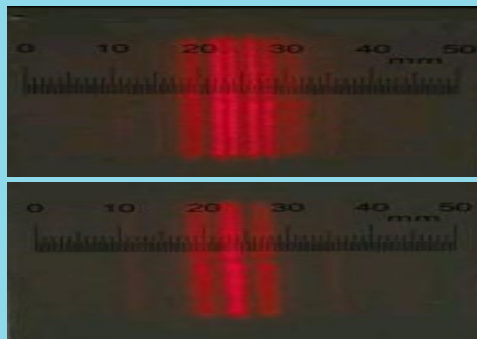
LEOK-15 Optical Diffraction and Interference Demonstrator



- *Diffraction of various targets such as pin-hole, single slit, multi-slit, and single wire*
- *Interference of various widths and spacings of double-slit*
- *Powered by 2 AAA batteries or an external power source*
- *Easy-to-use and low-cost*

LEOK-15 can be used for the demonstration of various optical diffraction and interference phenomena. With the aid of proper sensor and program, parameters such as light wavelength, slit width, and wire diameter can also be measured (e.g. LEOI-30A).

Experimental examples include diffractions of a single slit, a round aperture, a rectangular aperture, a square aperture, a triangular aperture, a three-slit, a four-slit, a round stop, a knife edge, and interference of a double-slit.



Specifications

Diode laser	Wavelength: 630 ~ 635 nm; power: 3 mW
Power supply	2 AAA batteries or an external source 3 VDC/35 mA