

Construct, Conduct & Comprehend Physics Experiments

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 AA batteries
- 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-30).

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



Specifications

Diode laser	Wavelength: 630 ~ 635 nm; power: 3 mW
Power supply	2 AA batteries

Lambda Scientific Systems, Inc. 16300 SW 137th Ave, Unit 132

Miami, FL 33177, USA

Phone: 305.252.3838 Fax: 305.517.3739

E-mail: sales@lambdasys.com Web: www.lambdasys.com

Note: above product information is subject to change without notice.