PHYWE
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Experimental lamp Laser/LED

08770-00

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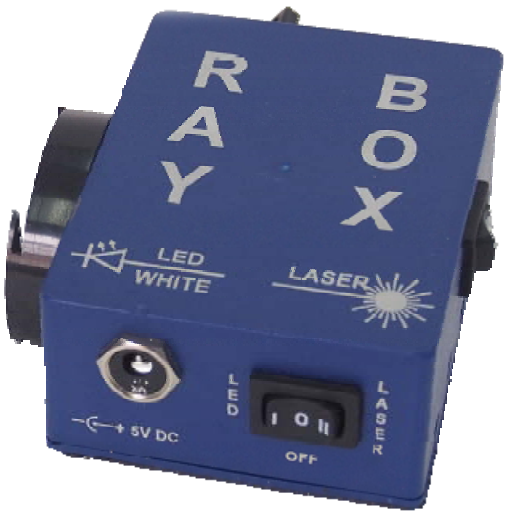

Fig. 1: 08770-00 Experimental lamp Laser/LED

Operating instructions

CE The unit complies with the corresponding EC guidelines.

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1 SAEFTY PRECAUTIONS

Caution!

- Carefully read these operating instructions before operating this instrument. This is necessary to avoid damage to it, as well as for user-safety.
- Do not start up this instrument in case of visible signs of damage to it.
- Only use the instrument for the purpose for which it was designed.
- Use the LED light only with the plug-in power supply 5V / 2A 08770-99.

Warning of laser beams!

- Never look into the laser beam while the laser is switched on. Permanent eye damage may occur.
- Never point the beam towards the face or eyes of people, regardless of their distance.
- When using the lamp, make sure that a functioning visual protection against radiation escaping from the test setup is guaranteed.
- Never leave the laser switched on unattended. When not in use, pull the key switch so that the laser cannot be switched on unintentionally.

2 PURPOSE AND CHARACTERISTICS

The combined LED and laser light source is used to generate parallel and divergent light beams. It is switchable between parallel light beams (red laser) and divergent white light (LED).

The laser is switchable between 1, 3 and 5 light beams and can be deactivated by a key switch.

The LED light source has an integrated aperture holder. The experimental lamp can be operated with rechargeable battery or plug-in power supply 08770-99.

3 ACCESSORIES

Experimental lamp Laser/LED	08770-00
Power supply 5V /2A	08770-99

4 TECHNICAL DATA

Light emitting diode, white:	3 W
Laser type:	Diode
Wavelength:	632 nm
Power:	0.4 mW
Laser protection class	Class 1
Supply voltage:	5 V / 2A
Dimensions (in mm):	100 x 90 x 40
Weight (in kg):	0.35

5 WASTE DISPOSAL

The packaging consists predominately of environmentally compatible materials that can be passed on for disposal by the local recycling service.

Should you no longer require this product, do not dispose of it with the household refuse.
Please return it to the address below for proper waste disposal.

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