

PHYWE Systeme GmbH & Co. KG  
Robert-Bosch-Breite 10  
D-37079 Göttingen

Telefon +49 (0) 551 604-0  
Fax +49 (0) 551 604-107  
E-mail [info@phywe.de](mailto:info@phywe.de)

## Operating instructions



The unit complies  
with the correspond-  
ing EC guidelines.



Fig. 1: 08130-99 Experimental lamp LED HEX 1

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## 1 SAFETY 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.
- Only use the mains adapter supplied with the device.
- Do not open the unit.

## 2 PURPOSE AND CHARACTERISTICS

The experimental lamp HEX 1 is a standard light source that can be used for almost all optical experiments. The mains-operated experimental light uses a 3 W LED whose light cone can be focused.

### 3 NOTES ON OPERATION

This high-quality instrument fulfils all of the technical requirements that are compiled in current EC guidelines. The characteristics of this product qualify it for the CE mark.

The device is only to be put into operation under specialist supervision in a controlled electromagnetic environment in research, educational and training facilities (schools, universities, institutes and laboratories).

This means that in such an environment, no mobile phones etc. are to be used in the immediate vicinity. The individual connecting leads are each not to be longer than 2 m.

The instrument can be so influenced by electrostatic charges and other electromagnetic phenomena that it no longer functions within the given technical specifications. The following measures reduce or do away with disturbances:

Avoid fitted carpets; ensure potential equalization; carry out experiments on a conductive, earthed surface, use screened cables, do not operate high-frequency emitters (radios, mobile phones) in the immediate vicinity. When a total failure of the instrument occurs, unplug it and plug it back in again for a reset.

### 4 TECHNICAL DATA

- Black aluminium casing with hexagonal shape
- Aluminium rod removable  $d = 10 \text{ mm}$
- Lighting source: 3 W LED
- Condensor: 2 lenses  $d = 40$ ,  $f = +100$
- Ventilated
- Longitudinal adjustment rod
- Weight: 330 g
- Dimensions with rod: 225 x 95 x 220 mm

### 5 ACCESORIES

- Power supply: Voltage: 6V, Current: 600 mA
- Ring for attaching additional lenses and filters

### 6 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.

PHYWE Systeme GmbH & Co. KG  
Abteilung Kundendienst (Customer Service)  
Robert-Bosch-Breite 10  
D-37079 Göttingen

Phone +49 (0) 551 604-274  
Fax +49 (0) 551 604-246