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Operating instructions



The unit complies
with the correspond-
ing EC guidelines.



Fig. 1: 08121-97 Power supply with holder for spectral lamps

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8 WASTE DISPOSAL

- Install the instrument so that the on/off switch and the mains connecting plug are easily accessible. Do not cover the ventilation slits.
- 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.
- Take care that no liquids or objects enter in through the ventilation slots.
- Protect the instrument from dust, moisture, and vapours. Only clean it in voltage-free state with a slightly moistened, lint-free cloth. Aggressive cleaning agents and solvents are unsuitable.
- Do not open the unit.
- Only use the spectral lamps with the corresponding power supply unit.
- Only insert or remove the spectrum lamps when the power supply unit is switched off.

2 PURPOSE AND CHARACTERISTICS

The power supply unit with height-adjustable lamp holder is for use with spectral lamps 08122-xx with E27 socket.

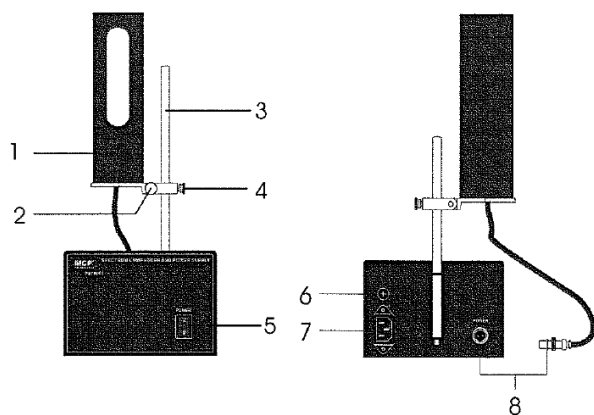
1 SAFETY PRECAUTIONS



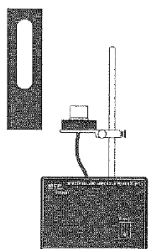
Caution!

- Carefully read these operating instructions before operating this instrument. This is necessary to avoid damage to it, as well as for user-safety.
- Check that your mains supply voltage corresponds to that given on the type plate fixed to the instrument.

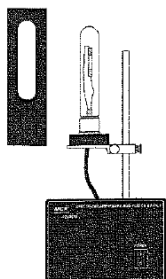
3 HANDLING



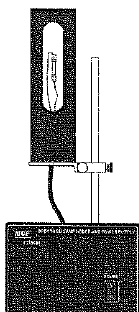
1. lamp housing
2. adjustment of the horizontal axis of the lamp holder
3. lamp holder
4. adjustment of the vertical axis of the lamp socket
5. mains switch
6. fuse
7. mains connection
8. connection for lamp



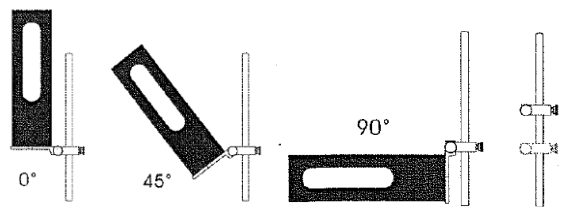
Removing the lamp housing



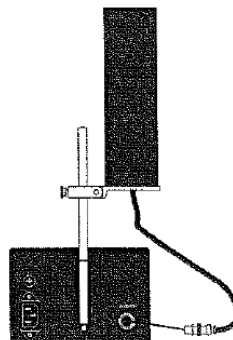
Inserting the lamp



Closing the lamp housing



Adjustment of the horizontal (3 angles) and vertical position of the lamp socket



Connecting the lamp to the power supply unit

4 OPERATING INSTRUCTIONS



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

This instrument 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 no mobile phones etc. are to be used in the near vicinity. The individual connecting leads must not be longer than 2 m.

The Instrument can be influenced by electromagnetic charges and other electromagnetic phenomena in such way, that it works no longer within the given specifications. The following measures reduce or prevent disturbing influences: Avoid carpeted floor ensure potential equalization, perform the experiments on conductive and grounded surfaces, use screenings and screened cables and do not work with high frequency emitters (radios, mobile phones etc.) in the immediate vicinity.

5 LIST OF EQUIPMENT

The following lamps can be used in conjunction with the power supply unit:

Spektral lamp Cd, E27	08122-01
Spektral lamp He, E27	08122-03
Spektral lamp Na, E27	08122-07
Spektral lamp Ne, E27	08122-08
Spektral lamp Zn, E27	08122-11
Spektral lamp Hg, E27	08122-14

6 TECHNICAL DATA

Input voltage:	220 V, 50 Hz
Output voltage:	25 V
max. output voltage:	0,65 A
Lamp socket:	E27
Stem diameter:	12 mm
Dimensions of the lamp housing:	56 x 190 x 56 mm
Dimensions of the power supply unit:	153 x 115 x 195 mm
Weight:	3 kg

7 NOTES ON THE GUARANTEE

We guarantee the instrument supplied by us for a period of 24 months within the EU, or for 12 months outside of the EU. Excepted from the guarantee are damages that result from disregarding the Operating Instructions, from improper handling of the instrument or from natural wear.

The manufacturer can only be held responsible for the function and technical safety characteristics of the instrument, when maintenance, repairs and alterations to the instrument are only carried out by the manufacturer or by personnel who have been explicitly authorized by him to do so.

8 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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