

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

Operating instructions



Fig. 1: 09101-11 Shielding cylinder for gamma detector

CONTENT

- 1 SAFETY PRECAUTIONS
- 2 PURPOSE AND CHARACTERISTICS
- 3 EXPERIMENTE
- 4 TECHNICAL DATA
- 5 WARRANTY
- 6 DISPOSAL

1 SAFETY PRECAUTIONS



Caution!

- Read the operating instructions thoroughly and completely prior to using this instrument. This is important for your own protection and for avoiding damage to the unit.
- Do not start up this instrument should there be visible signs of damage to it.
- Use the instrument solely for its intended purpose.

2 PURPOSE AND CHARACTERISTICS

The shielding cylinder made of special lead with low own radiation receives the measuring head of the gamma detector in order to reduce the effects of background radiation (background noise) and of unwanted leakage radiation. The gamma detector must be held vertically and introduced from above into the cylinder. The cylinder is provided with two silicone rubber rings used to protect the delicate measuring head of the detector when it is introduced into the cylinder. The larger ring is first slipped up to the conical transition piece of the cylindrical detector casing, then the smaller ring is slipped over the front edge of the measuring head.

3 EXPERIMENTE

Compton Effekt

P2524415

4 TECHNICAL DATA

- Height of cylinder 170 mm
- Exterior diameter 97 mm
- Interior diameter 63 mm
- Slit diaphragm 10 mm x 39 mm
- Weight approx. 11 kg

5 WARRANTY

We give a warranty of 24 months for units that are supplied by us inside the EU, and a warranty of 12 months outside the EU. The following is excluded from the warranty: damage that is due to non-compliance with the operating instructions, improper use, or natural wear.

The manufacturer can only be held liable for the function and safety-relevant properties of the unit, if the maintenance, service, and modifications of the unit are performed by the manufacturer or by an institution that is expressly authorized by the manufacturer.

6 DISPOSAL

The packaging mainly consists of environmentally-friendly materials that should be returned to the local recycling stations.



Do not dispose of this product with normal household waste.

If this unit needs to be disposed of, please return it to the address that is stated below for proper disposal.

PHYWE Systeme GmbH & Co. KG
Customer Service
Robert-Bosch-Breite 10
37079 Göttingen
Germany

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