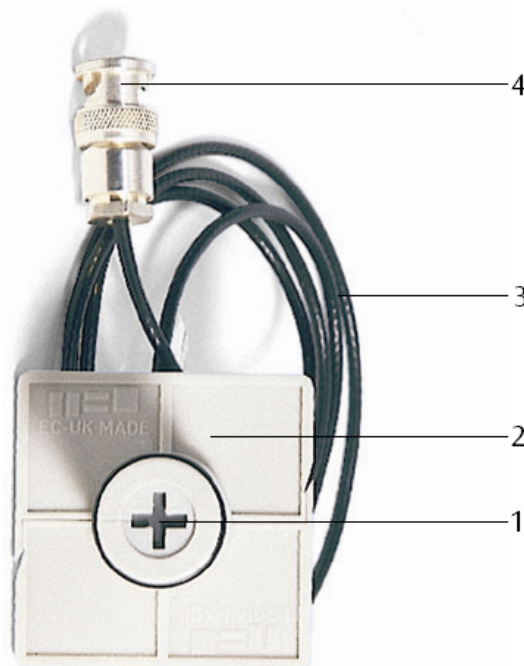


## Geiger-Muller Tube 1000661

### Instruction sheet

10/12 ALF



- 1 Window
- 2 Holder
- 3 Patch cord
- 4 BNC connector

### 1. Safety instructions

The window is fragile and can easily be damaged. This will make the end-window counter inoperable.

- Do not touch the window.

The G-M tube can be damaged by self-maintained gas discharges, if operated at too high a voltage.

- Do not exceed the operating voltage of 500 V in a sustained manner.

### 2. Description

The Geiger-Muller tube is a self-quenching Halogen -trigger counter tube for registering and X radiation.

The G-M tube comprises a counter tube with a

very thin mica window and a removeable holder for mounting on the swivel arm of the X-ray apparatus (1000657 or 1000660) and a plated spring clip for alternative mounting. A BNC-terminated coaxial cable connects the output of the G-M tube to a counter.

### 2. Technical data

Dose rate range:	$10^{-3}$ to $10^2$ mGy/h
Mass of the active surface (mica):	2.0 to 3.0 mg/cm <sup>2</sup>
Operating voltage:	500 V
Output connector:	BNC
Cable length:	1 m
Dimensions:	57 x 22 mm diam.