

12/16-W13-HUND



Instruction manual 524 440

GM adapter M (524 440)

1 Description

A GM adapter M, ± 30 V is a sensor for Mobile-CASSY 2. In connection with a Geiger-Müller tube, it can be used to measure radioactivity. The adjustable high-voltage supply for the Geiger tube is generated by the adapter itself.

2 Technical data

Measured variable:	Pulses, rate
Geiger tube voltage:	200 ... 650 V (adjustable)
Geiger tube input:	Coaxial socket
Connector:	Mini-DIN
Supply voltage:	5 V DC via Mini-DIN
Dimensions:	60 mm x 35 mm x 30 mm
Weight:	150 g

3 Equipment included

- GM adapter M
- Connecting cable, 0.30 m

4 Usable sensors

- Geiger counter for α , β , γ and X-ray radiation (559 01).
- Large-area Geiger counter (559 012).

5 Operation

- Connect the GM sensor M to CASSY.
- Connect it to the desired Geiger counter.
- If required, you can vary the supply voltage to the counter.
- Read off the measurement or start a set of measurements.

6 Compatibility

GM sensor M, ± 30 V, can be used with the following CASSY modules/software

	Mobile-CASSY 2 (524 005)	Mobile-CASSY 2 WiFi (524 005W)
Stand-alone	With firmware 1.05 or later	With firmware 1.05 or later
Windows	CASSY Lab as of version 2.20	CASSY Lab as of version 2.20/CASSY App
Linux	CASSY Lab as of version 2.20	CASSY Lab as of version 2.20
Android	-	CASSY App
iOS	-	CASSY App

7 Updates

If the software or firmware being used is older than the version listed above, then a software or firmware update is essential.

Download CASSY Lab 2 Windows:

http://www.ld-didactic.com/software/cassylab2_en.msi

Download CASSY Lab 2 Linux:

<http://www.ld-didactic.com/software/cassylab2.tar.gz>

Download firmware for Mobile CASSY 2:

<http://www.ld-didactic.com/software/524005.zip>.