

# Charged plate monitor analog - Warmbier CPM 74

**Item no.** WL25277 **Manufacturer** Warmbier

**Manufacturer no.** 7100.CPM74

Charged plate monitor for assessing ionisers: it measures decay times and offset voltage via an integrated 150 x 150 mm plate electrode. With a removable plate to adapt a high-voltage sensor head for direct measurements up to 2 kV. Compliant with IEC 61340-4-7.

## TECHNICAL DATA

Article authenticity	<b>Original product</b>
Condition of article	<b>New</b>
Depth	<b>152</b>
Execution	<b>ESD (antistatic)</b>
HS-Code	<b>90303900</b>
Height	<b>152</b>
Norm	<b>IEC 61340-4-5</b>
Sales unit	<b>1 Stück</b>
Weight	<b>0.1 kg</b>
Width	<b>152</b>



## STANDARDS & COMPLIANCE

**ESD safe** IEC 61340-4-7

## DESCRIPTION

The Warmbier CPM 74 is an analogue charged plate monitor for measuring the effectiveness of ionisers and their offset voltages. Using an integrated plate electrode (150 x 150 mm) and a built-in field meter, the device determines the decay time from a preset voltage threshold to a lower value (default +/- 1000 V to +/- 100 V), giving the compliant figure for assessing ionisers to IEC 61340-4-7.

## Key benefits

- Direct assessment of ionisers via decay time and offset voltage in one device.
- Integrated 150 x 150 mm plate electrode with built-in field meter for reproducible

measurements.

- Freely selectable voltage threshold, default +/- 1000 V to +/- 100 V.
- Measurement data stored directly in the CPM for later evaluation.
- Removable plate electrode to adapt the high-voltage sensor head for direct measurements up to 2 kV.
- Compact cube form (152 x 152 x 152 mm) for flexible placement.

## Technical data

- Plate electrode: 150 x 150 mm, integrated
- Standard measuring cycle: +/- 1000 V to +/- 100 V
- Direct measurement (with HV head): up to 2 kV
- Dimensions (W x H x D): 152 x 152 x 152 mm
- Data memory: integrated in the CPM
- Standard: IEC 61340-4-7

## Applications

- Effectiveness testing and maintenance of ionisers in the EPA.
- Measurement of decay times and residual voltages (offset).
- Direct voltage measurement up to 2 kV with the optional high-voltage head.

## Scope of delivery

- Charged plate monitor CPM 74
- Plug-in power supply
- Grounding lead
- Conductive carrying case
- Software
- Factory calibration certificate
- Operating manual German/English

## Standards and compliance

Meets IEC 61340-4-7 for the testing of ionisation systems.