Technical Datasheet

WT-Kit ELECTROMETER WT5025

Part-No.: 7100.WT5025

V0626

Description

- The Electrometer WT5025 is a measuring device to measure the body voltage of a person in combination with floor and shoes according to DIN EN IEC 61340-4-5.
- This test evaluates the quality of the system „person/shoes/floor“.
- The test is of particular importance if the system „person/shoes/floor“ is the primary grounding system.



Technical Data

Test range	± 200 V and ± 2000 V
Resolution	1 V
Display	Colour display
Power supply	3 Lithium-Ionen-batteries, 3,7 V
Housing	Plastic
Safety class	IP20
Operating conditions	10 °C to 40 °C / up to 60 % r.h.
Output	USB 2.0
Dimensions	200×190×90 mm (W x D x H)
Weight incl. batteries	900 g
Fastening option	Foldable feet for desktop application
Serial number	Label on back side of housing
Design	For indoor operation
	CE-compliant

Calibration

We recommend a calibration cycle of 2 years.

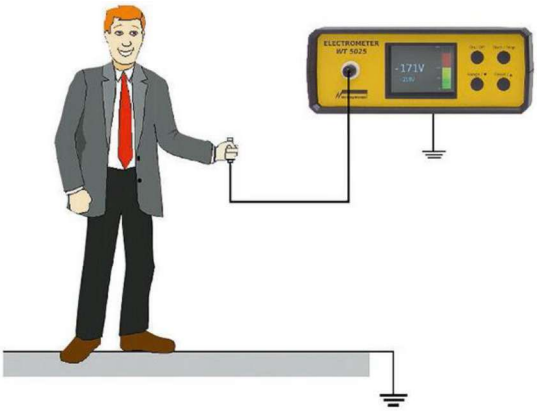
Warranty

We grant a warranty of 1 year if handled correctly in accordance with the user manual. This does not apply to the Lithium-Ionen-batteries.

The warranty expires in the event of mechanical damage to the electrometer and/or unauthorized opening of the device!

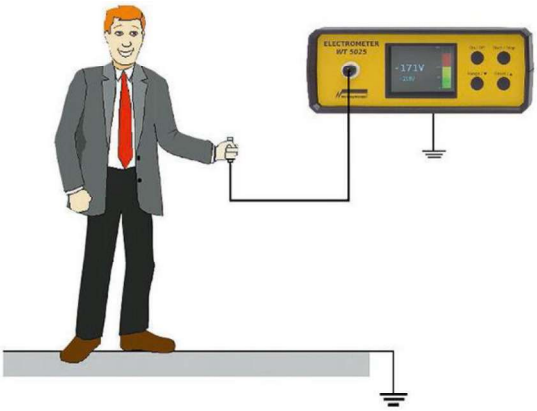
■ Walking Test – Body voltage measurement without recording

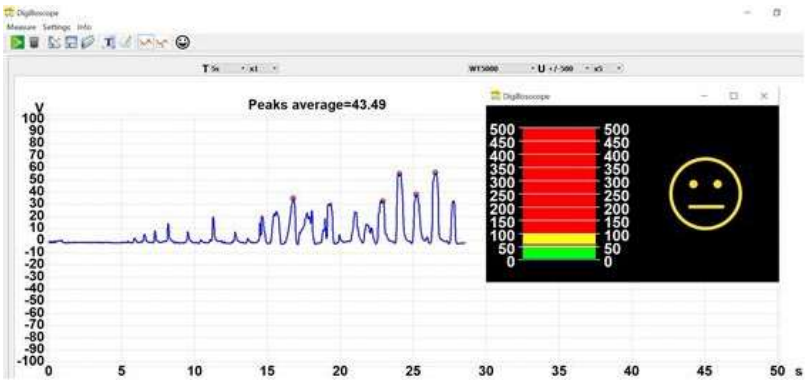
- The measured body voltage is shown on the colour display of the WT5025.
- The device shows the latest measured value as well as the max. positive and/or negative peak values.
- In addition, the result is displayed in a bar chart.



■ Walking Test – Body voltage measurement with recording

- For measurements, the WT5025 can also be connected with the PC.
- Using the evaluation software „Digilloscope“ the body voltage will be displayed on the computer during the measurement and can then be saved.
- The five highest peak values can be marked automatically and the average value calculated.





■ Scope of Supply

- Electrometer WT5025
- Hand probe & measuring cable
- Grounding cable
- USB-data cable
- 3 pcs rechargeable Lithium-Ionen-battery
- Charger with EU plug / 100-240 VAC / 50-60 Hz
- Conductive carrying case
- User manual available for download
- Calibration cerificate „German / English“

