

HAUG Ionization - for testing HAUG power packs and ionizing bars

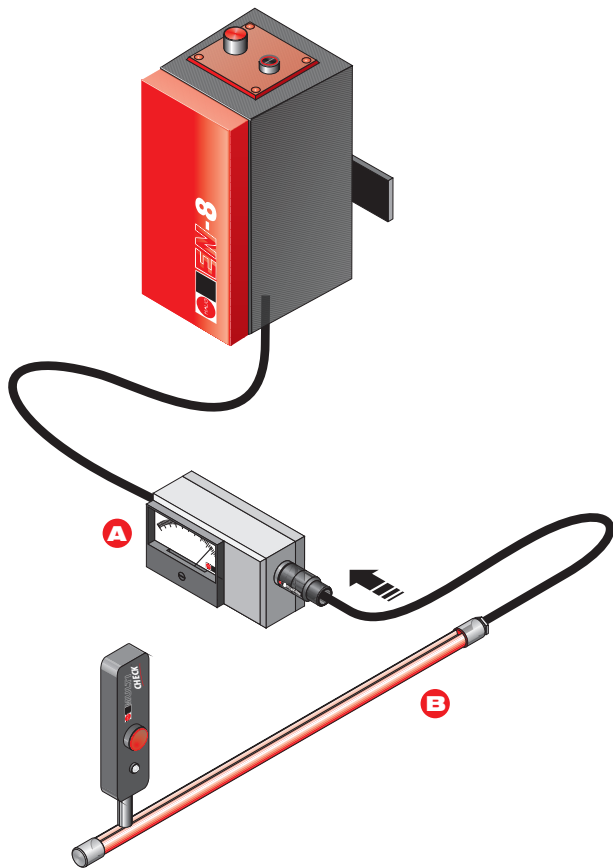


HSM 1: High-voltage measurement

The high-voltage meter HSM 1 is intended to measure AC voltages of up to 10 kV_{AC} on HAUG power packs **A**. This meter is equipped with an additional high-voltage socket for connection to an ionizing unit. Thus the power pack and ionizing unit can be tested and their voltage measured during operation **B**.



HSM 1



Technical data HSM 1

Type:	HSM 1	Order-No.: 12.7232.001
Measuring range:	0 – 10 kV _{AC}	
Frequency:	50 – 60 Hz	
Measuring current:	max. 50 µA	
Measuring voltage input:	via HV plug and cable	
Parallel output:	via HV socket	
Housing dimensions:	143 x 66 x 62 mm	
	Subject to technical changes!	



Multicheck

Multicheck: Performance testing of ionizing units

The high-voltage test unit Multicheck is a performance testing unit for HAUG ionizing units.

To test ionizing units, the test unit must be placed vertically on to the ionizing pins. When the probe makes contact, the LED will illuminate green if the ionizing unit is functioning correctly (photos 1, 2, 5, 6).

Note: Please note that the Multicheck cannot measure the effective range of ionizing units.



photo 1



photo 2

Technical data Multicheck

Type:	Multicheck	Order-No.: 12.7229.000
Current supply:	9 Volt monobloc battery	
Current consumption:	30 mA at LED operation	
Housing dimensions:	155 x 42 x 22 mm	

Subject to technical changes!

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Powercheck: Performance testing of power packs

The high-voltage test unit Powercheck is a performance testing unit for HAUG power packs.

To test power packs, the black measuring probe with the spring pin must be inserted into the high-voltage socket of the power pack (photos 3, 4).

After pressing the red push button, the LED will illuminate green if the unit is functioning correctly. In case of malfunction, the LED will illuminate red.



photo 3



photo 4

Combicheck: Performance testing of power packs and ionizing units

The high-voltage test unit Combicheck is a performance testing unit for HAUG power packs and HAUG ionizing units.

A selector switch allows the units to be adjusted for the testing of power packs or ionizing units. In position "Testing of power packs", the front LED will illuminate, while in position "Testing of ionizing units" the rear LED will illuminate. To test power packs, the black measuring probe with the spring pin must be inserted into the high-voltage socket of the power pack (photos 3, 4).

To test ionizing units, the probe must be held close to the ionizing pins (photos 1, 2, 5, 6).



photo 5



photo 6

Additional information for Powercheck and Combicheck

The **Powercheck** and the **Combicheck** are each calibrated as standard. In the case of the **Combicheck**, only the function "Testing of power packs" is calibrated. The function "Testing of ionizing units" cannot be calibrated.

To protect the units against ambient humidity, the measuring probe is protected with a cap in both units.



Powercheck

Technical data Powercheck

Type:	Powercheck Order-No.: 12.7230.000 with battery compartment, battery check indicator and calibration protocol
Current supply:	9 V battery
Current consumption:	15 mA
Housing dimensions:	156 x 40 x 29 mm

Subject to technical changes!



Combicheck

Technical data Combicheck

Type:	Combicheck Order-No.: 12.7231.000 with battery compartment, battery check indicator and calibration protocol
Current supply:	9 V battery
Current consumption:	15 mA
Housing dimensions:	156 x 40 x 29 mm

Subject to technical changes!

In the event of insufficient battery voltage, the diode does not light up after the red pushbutton is pressed on the two units (**Powercheck** and **Combicheck**). To change the battery, remove the battery compartment lid by pushing back the snap-in tab.