

HAUG Ionization - for the elimination of electrostatic charges



Power pack Multistat Plus

The high-voltage power pack Multistat Plus with its long permissible connected length and extended monitoring facilities is a high-performance unit. The Multistat Plus is particularly suited to systems with multiple ionizing bars. The extended functions of the Multistat Plus allow improved monitoring of the ionizing system set-up with this unit.

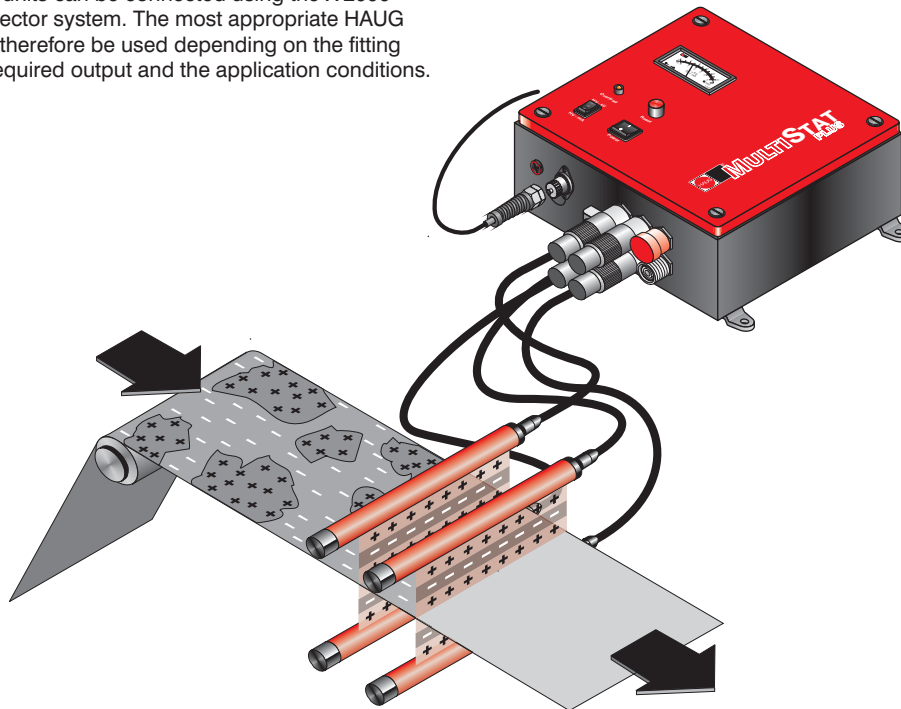
The unit has 6 individually monitored high-voltage sockets. Any overload is indicated by means of a warning lamp and a signal at the signalling socket.

All HAUG ionizing units can be connected using the X-2000 high-voltage connector system. The most appropriate HAUG ionizing units can therefore be used depending on the fitting dimensions, the required output and the application conditions.



Multistat Plus

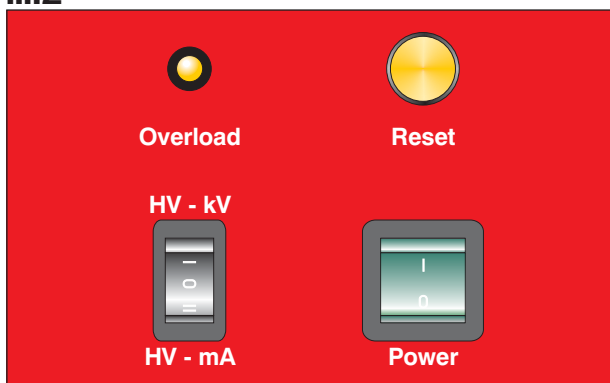
iii.1



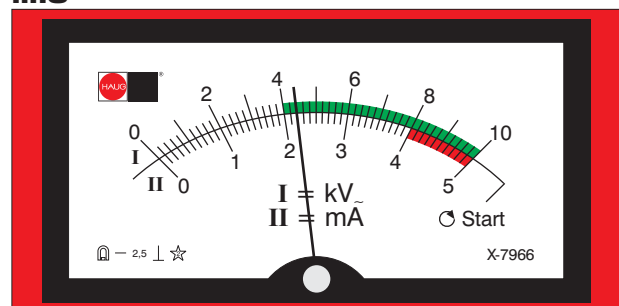
Control

Overload lamp: indicates an overload at the HV connections.
Reset: in the event of failure, the unit will switch off – restart using Reset.
HV kV / HV mA: voltage of current indication on display

iii.2



iii.3



Display

The display indicates the high-voltage or currents at the 6 high-voltage connections. The currents are output one after another in a fixed sequence. This allows good monitoring of the ionizing units connected to the HV sockets.

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Static Line - Power pack Multistat Plus

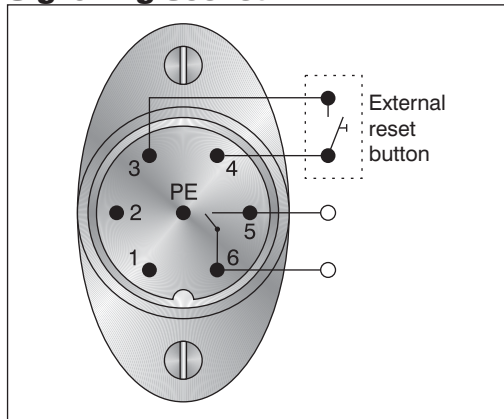




Contact assignment signalling socket

- Pin 1: Signal output overload. In the event of overload, a signal (approx. 12 V) is output.
- Pin 2: Signal output, voltage values for current monitoring of HV sockets.
- Pin 3: Input reset signal. After the unit has switched off following an overload, it can be restarted by means of this input.
- Pin 4: Signal ground GND.
- Pin 5: Floating contact. Contact closed when high voltage is correct.
- Pin 6: Floating contact. Contact closed when high voltage is correct.
- Pin PE: Ground.

Signalling socket



Multistat Plus

Technical data Multistat Plus

Types:	Multistat Plus (115 V)	Order-No.: 01.7863.100
	Multistat Plus (230 V)	Order-No.: 01.7862.100
Protection type:	IP 54	
Protection class:	I	
Nominal input voltage:	115 V _{AC} / 230 V _{AC} (50 – 60 Hz)	
Power input:	max. 200 VA	
Nominal output voltage:	ca. 6 – 8 kV _{AC}	
HV output current: per HV socket	I _A ≤ 4 mA (permissible operating range)	
Load rating of signalling contacts:	24 V _{AC} / 35 V _{DC} , max. 50 mA	
HV-terminals:	6	
Connectable length:	max. 6 x 10 m (ionizing unit incl. HV cable)	
Operating temperature:	+5 °C to +45 °C	
Storage/transport temperature:	-15 °C to +60 °C	
Weight:	approx. 11 kg	
Mains cable:	2.6 m; fixed to the device	

Subject to technical changes!

Accessories

Signalling cable K1, shielded

- 5 m, incl. round plug
- 10 m, incl. round plug
- 20 m, incl. round plug

Order-No.: 06.8941.000
Order-No.: 06.8941.001
Order-No.: 06.8941.002

Round plug Angled plug

Order-No.: X-0616
Order-No.: X-5718

