

POWER UNIT 55 EX

HV power supply for KIST + ESCHERICH EX ionisation systems



Key Facts

- ✓ **Reliable in hazardous EX areas:** Ideal for coating, printing and laminating processes
- ✓ **Reliable & maintenance-free:** Long service life without maintenance needs
- ✓ **High performance:** Output voltage of 5.5 kV AC
- ✓ **Flexible placement:** 30 m combined load-bearing capacity for secure installation

Product Description

The POWER UNIT 55 EX (PU55EX) HV power supply has been specially developed for using ionisers in hazardous areas and safely supplies the KIST + ESCHERICH TRUE ION ionisers with the required high voltage. With an output voltage of 5.5 kV AC, it is ideal for coating, gravure, printing, laminating and similar applications in hazardous areas.

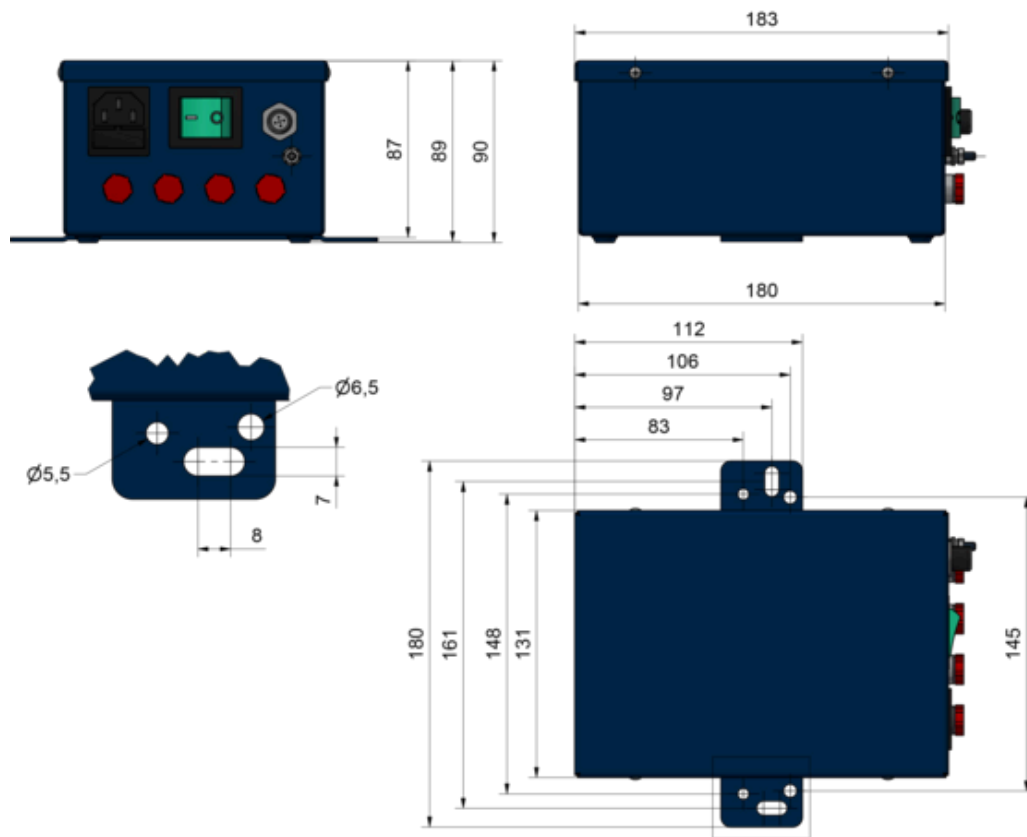
The HV power supply PU55EX must be installed at a location outside of the hazardous area. Thanks to the large combined load capacity of 30 m, flexible placement is easily possible. The adaptor is maintenance-free, reliable and user friendly.

Technical Data

PU55FC-EX	
Version	With monitoring and connection to controls
Operating voltage	115/230 V (AC)
Frequency	50/60 Hz
Power consumption	40 VA
Output voltage	6.0 kV
Output current (max.)	5.0 mA
Connection length (max.)	20.0 m
Signal output	Signal contact for remote monitoring
Number of connections and ionisers	4x
Length of power supply cable	5.0 m
Ambient temperature (min. - max.)	5 - 40 °C
Humidity (min. - max.)	0-70 %RH
Weight	3.3 kg
Ingress protection	IP54

Technical Drawings

Power Unit 55 EX



Related Products



HV-DISTRIBUTOR

Distributors for TRUE ION
ionisation systems



ION CHECK

Function tester for testing
ionisation systems



ELFI 1

Compact static field strength
meter for analysis of static
electricity