## **POWER UNIT**

## HP 50-1 POWER UNIT

The HP50-1 is a compact power unit designed to serve one static eliminator.

The HP50-1 produces high voltage, low current in a controlled and safe way to provide the power for Fraser AC High Performance static eliminators working on 5.5 kV and 6 kV.

- > Compact size makes it especially suitable for small machines.
- The flat wave form of the high voltage combines high performance with low stress for long term reliability.
- > On-off switch is standard.



## **Specification**

Construction: Powder coated steel case. Transformer with fully

encapsulated windings.

Input: 115 V or 230V, 50/60 Hz. Please specify frequency

(Hz) as well as input voltage.

IEC 320 Socket with 2 m cable is supplied.

Output: 6 kV with maximum peak voltage of 7.76 kV.

Secondary current limited to 5 mA.

Maximum Load: 10 m of combined Bar and HT cable.

**Environment:** 50° maximum temperature.

70% rH non-condensing max. Location should be dry and oil free.

Safety: The design is current limited to 5 mA. If more than 5

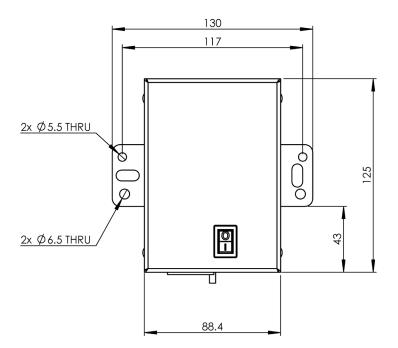
mA current is drawn the transformer is designed to shut down. Power will restart when the excessive load or

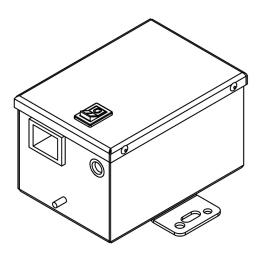
fault is removed.

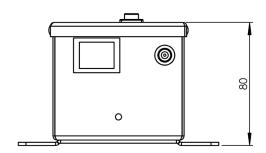


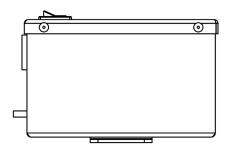














p2