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# POWER UNIT

## HP 50-1 POWER UNIT

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

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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 5.5kV and 6kV.

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- > 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.
- > Stainless steel bayonet connectors for fast and easy connection of static eliminators.



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### Specification

<b>Construction:</b>	Powder coated steel case. Transformer with fully encapsulated windings.
<b>Output:</b>	6kV. Current limited to 4mA max.
<b>Input:</b>	Please specify input voltage and frequency. 115V 50 or 60Hz, 0.2A, or 230V 50 or 60Hz, 0.1A. IEC 320 Socket with 2m cable.
<b>Maximum Load:</b>	10m of combined Bar and HT cable.
<b>Standards</b>	2004/108/CE (EMC Directive). 2006/95/CE (Low Voltage Directive).
<b>Environment:</b>	50° maximum temperature. 70% rH non-condensing max.
<b>Safety:</b>	The HP50-1 is current limited to 4mA. If more than 4mA current is drawn the transformer will shut down. Power will restart when the excessive load or fault is removed.

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Dimensions:

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