

Product Code . JL-M-7777

EHT Power Supply 110V



Description

EHT Power Supply 110V

Specifications:-

Input: 110V, 50/60 Hz

Mains supply: 230V 5% , 50Hz

Secondary outputs with 25M Ω safety resistors.

Fuse: 315mA (L)

Independent Earth Terminal for earthing of any one of the five output sockets.

Dimensions: 208 x 155 x 115mm (W x H x D).

Height including handle is 187mm

Output: 0 to 5KV DC, 2mA or 2.5KV DC, 2 mA

Auxiliary output of 6.3V AC, 1A for cathode heaters, protected by resettable fuse

Description:-

The adjustable 5KV output is fully isolated and the output is monitored by a digital display.

The output current is electronically limited to 2mA.

In addition to the 0-5KV outputs, there are further outputs linked by 25M Ω resistors.

The outputs are also currently limited by 100K resistors to avoid larger transient currents.

This provides EHT outputs appropriate for electrostatic experiments with a short circuit current of 60 μ A.

The switching transformer is specially wound so the output maintains a stable voltage with time, as opposed to most other commercial brands where the voltage will drop with time.

An auxiliary output is provided to drive cathode heaters etc.

EHT power supply suitable for driving Teltron tubes and electrostatic experiments.

Continuously variable, 0-2.5KV or 0-5KV at a maximum current of 2mA.

Two secondary outputs with 25M Ω resistors (total 50M for 5KV range).

An Independent earth terminal is available for earthing of any one of the five output sockets.

Bright 12.5mm green LED display indicating EHT output.

Auxiliary output, 6.3V a.c. at 1A, protected by the resettable fuse.

Shrouded sockets suitable for standard 4mm plugs or shrouded plugs.
