

Product Code . JL-M-7776

EHT Power Supply



Description

EHT Power Supply

Specifications:-

Input: 220V-240V, 50/60 Hz

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

Height including handle is 187mm

Mains supply: 230V 5% , 50Hz

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

Fuse: 315mA (L)

Secondary outputs with 25M Ω safety resistors.

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

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

Description:-

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

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

The output current is electronically limited to 2mA.

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

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

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

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

An auxiliary output is provided to drive cathode heaters etc.

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

Bright 12.5mm green LED display indicating EHT output.

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

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

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

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