



Irwin Powerbase HT

Electromagnetic Compatibility

The use of this apparatus outside the classroom, laboratory, study area or similar such place invalidates the conformity with the protection requirements of the Electromagnetic Conformity Directive (89/336/EEC) and could lead to prosecution.

The Irwin Powerbase HT power supply is designed to be used with valves, Teltron demonstration valves, ionisation chamber dosimeters, parallel plate capacitors, Milikan oil drop apparatus etc. and any other apparatus requiring up to 300V d.c. at low current.

Three outputs are available – two smoothed d.c. outputs of 0 to 30V and 0-300V respectively and one 6V 2A a.c. output.

The d.c. outputs are continuously variable and supplied from two pairs of 4mm sockets, colour-coded red and black. The a.c. output is available from a pair of 4mm sockets colour-coded yellow.

Each d.c. output has a separate control with the d.c. voltage indicated on the graduated scale. The d.c. outputs are available simultaneously and are fully floating i.e. neither output is internally referenced to earth potential.

The maximum current which may be drawn from the d.c. outputs is limited electronically to 60 mA. Each d.c. circuit can withstand short term short circuiting.

WARNING: DO NOT DISCONNECT ANY EXTERNAL APPARATUS FROM THIS UNIT WHILST THE UNIT IS SWITCHED ON.

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