

VIJAYANTA**VIJAI ELECTRONICS**
28/147, CIVIL LINES
ROORKEE - 247667

E.H.T. SOLID STATE REGULATED POWER SUPPLY,
MODEL – HV – 20.

GENERAL :

This Power Supply meets general laboratories requirements for a versatile, adjustable high voltage power supply that can be applied to a variety of high voltage, low current detection tubes, Photo Multipliers, Proportional Counters, Geiger Tubes, and other ionization discharge tubes can be operated with precise control over the voltage with highly regulated and stable output and safe current limiting at 2.5, mAmp.

CIRCUIT :

An all solid state circuit, with latest I.C.'s and other components, the output is adjustable with 1, volt step with 10, turn potentiometer.

Output can be used with both polarities, I.C. +ve or -ve, as desired, the power supply is fully protected against overload and short circuiting.

SPECIFICATIONS :

INPUT VOLTAGE	:	230, Volt, $\pm 10\%$, 50 Hz.
OUTPUT	:	0 – 1500 Volts D.C. (Adjustable).
POLARITY	:	+ve or -ve (as required)
MAXIMUM CURRENT	:	1, mAmp.
REGULATION	:	Better than +0.02% for +10% change in mains voltage.
RIPPLE	:	Approx. : 5, mVolt.
METERING	:	A Linear Scale Moving Coil Panel Meter graduated In 100 divisions.
PROTECTION	:	The unit is fully protected against overloading and Short – circuiting by current limiting arrangement.
ON DEMAND EXTRA :	:	Digital Display can be provided to read output voltage at extra cost.

There may be any change in specification due to continuous R & D without notice.