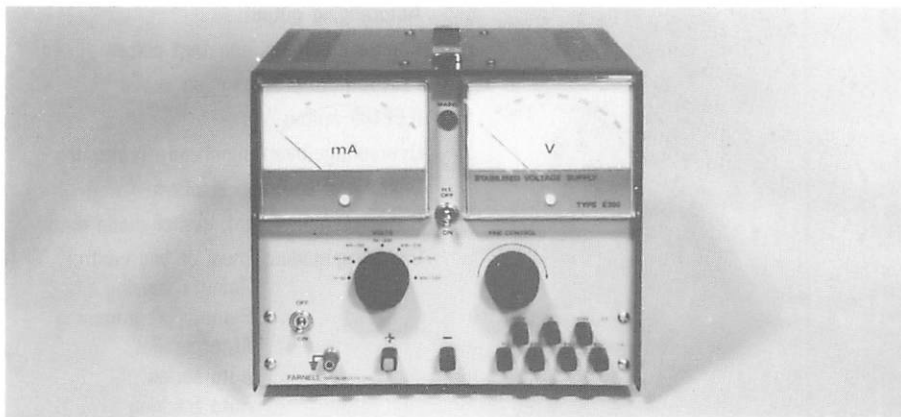


BENCH POWER SUPPLIES

HT power supply E350



0-350V, 200mA d.c. output
6.3V and 5V unstabilised a.c. outputs

The stabilised power supply type E350 provides a d.c. output variable from 0 to 350V at a maximum current of 200mA and two separate unstabilised a.c. supplies of 6.3V and 5V.

The output voltage of the unit is covered in seven switched ranges each of 50V with continuous adjustment over each range by means of a fine control. Current and voltage monitoring facilities are provided by a milliammeter and a voltmeter fitted to the front panel. The output voltage is monitored before the H.T. switch so allowing the voltage to be set before switching the supply to the equipment. The output is 'floating' but either terminal may be

connected to chassis using the front panel earth terminal.

Overload and short circuit protection is provided to protect the power unit and apparatus being supplied. The protection circuit automatically resets when the overload is removed.

These sound, reliable units have been manufactured in quantity for many years and have proved popular for both industrial and educational applications.

Mains input

210-240V $\pm 7\%$ 50/60Hz (100-130V to special order)

Output

0-350V d.c. continuously variable by coarse and fine adjustments. 200mA max.

Unstabilised a.c. outputs

- (a) 6.3V with centre tap, 2A maximum
- (b) 5V with centre tap or 6.3V, 3A maximum

Line regulation

Output change for $\pm 7\%$ mains change:
Less than 0.1%

Load regulation

Output change for a zero to full load change:
Less than 0.5%

Ripple and noise

Less than 5mV pk-pk at full load ($\Delta f = 80\text{kHz}$)

Overload protection

Current limiting adjustable by a control at the rear of the unit over the range 20-210mA. Mains input fused.

L.T. supplies also protected by fuses

Operating ambient temperature range

0°C to +45°C

Storage temperature range

-20°C to +50°C

Dimensions (mm)

Height 260 width 267 depth 260

Weight (kg)

9.5

NATO stock number

E350/S27 6130-99-114-2888
6625-99-664-9509 (110V)

ORDER CODE: 11ES27