

TECHNICAL SPECIFICATION

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VOLTAGE RANGES:	1 mV to 3 V r.m.s. f.s.d. in 8 switchable ranges. Lowest reading 100 μ V.
MAXIMUM VOLTAGES:	(1) 50 Ω socket: 4 V (DC plus AC) (2) Probe: 9 V peak AC plus up to 100V DC.
FREQUENCY RANGE:	10 kHz to 1.5 GHz (useable as an indicator to 2 GHz.
INPUT IMPEDANCE:	Probe: 100 k Ω in parallel with less than 3 pF. Probe with Isolator Tip: 100 k Ω in parallel with less than 10 pF. Internal Terminated Input: 50 Ω , VSWR <1.1 to 1 GHz.
BASIC ACCURACY:	Probe used with internal 50 Ω load: $\pm 1\%$ of f.s.d. $\pm 1.5\%$ of reading (+20 $^{\circ}$ C to 25 $^{\circ}$ C). $\pm 3\%$ of f.s.d. $\pm 2\%$ of reading (0 $^{\circ}$ C to +40 $^{\circ}$ C).
FREQUENCY ERRORS:	10 kHz to 500 MHz: Nil 500 MHz to 1 GHz: $\pm 5\%$ of reading 1 GHz to 1.5 GHz: $\pm 10\%$ of reading relative to the supplied calibration curve.
CREST FACTOR:	12 dB at f.s.d. on all ranges to 1 V, increasing inversely for readings below f.s.d. (for example, 18 dB at half scale).
READING HOLD:	Press-to-hold switch on probe holds reading to within 0.5% for 3 minutes.
DC OUTPUT:	-1 V for f.s.d. from 1 k Ω source impedance.
POWER SUPPLY:	AC: 94 V to 130 V and 188 V to 260 V 45 Hz to 440 Hz. DC: plus and minus 17 V to 25 V.

CONSUMPTION

Approximately 8 VA.

TEMPERATURE RANGE

Operating: 0°C to +40°C
Storage: -40°C to +70°C.
Humidity: 95% r.h. at +40°C.

DIMENSIONS

	<u>Height</u>	<u>Width</u>
Case only:	83 mm	240 mm
Overall:	110 mm	284 mm

Depth: 268 mm Weight: 2.5 kg

ACCESSORIES SUPPLIED

Isolator Tip 11-1151. Accuracy: Add ±3% of reading from 10 kHz to 200 MHz.
Flexible Earth Lead 11-1160.
H.F. Earth Clip-Prod 13-1520
Remote Control Connector 11-1161.
2 Spare Probe Tips 14-1459.
AC Supply Fuse (94-130V operation).
Power Lead.

OPTIONAL ACCESSORIES

20 dB Attenuator. Accuracy: Add ±6% of reading from 10 kHz to 500 MHz.
11-1155
Input impedance
100 kΩ in parallel
with less than 3 pF.

40 dB Attenuator: Accuracy: Add ±6% reading from 1 MHz to 500 MHz.
11-1156
Input impedance less than 3 pF.

50-75 Ω Adaptor: Attenuation 10 dB.
23-3230
Probe/BNC Adaptor 11-1131.
Accessory Box 11-1162.
Carrying Case 15-0434.
Probe 'T' Assembly 11-1353.