

SPECIFICATION

TABLE OF RANGES

DC Voltage	DC Current	AC Voltage	AC Current
3000V	10A	3000V	10A
1000V	1A	1000V	1A
600V	100mA	600V	100mA
300V	10mA	300V	10mA
100V	1mA	100V	
30V	300 μ A	30V	
10V	50 μ A	10V	
3V		3V	
100mV*			

*On the 50 μ A range

Resistance

0 to 2000 Ω (20 Ω centre scale)	} all self-contained
0 to 200k Ω (2k Ω centre scale)	
0 to 20M Ω (200k Ω centre scale)	
0 to 200M Ω (2M Ω centre scale)	
with external voltage	

ACCURACY

D.C. Voltage & Current Ranges	$\pm 1\%$ of f.s.d.
A.C. Voltage & Current Ranges (50Hz)	$\pm 2\%$ of f.s.d.

SENSITIVITY

D.C. Voltage Ranges	20,000 Ω /V
A.C. Voltage Ranges	2,000 Ω /V (above 10V)

FREQUENCY RESPONSE

Variation from reading at 50Hz, on A.C. voltage ranges up to 300V and A.C. current ranges is not greater than $\pm 3\%$, between 15Hz and 15kHz

TEMPERATURE RANGE

Operation: -5°C to $+35^{\circ}\text{C}$
Storage: -40°C to $+50^{\circ}\text{C}$

TEMPERATURE EFFECT

Variation due to temperature change, not greater than 0.15% per degree C

FLASH TEST

7kV proof

OVERLOAD PROTECTION

High speed electro-mechanical cut-out with a fuse on the two lower resistance ranges

RESPONSE TIME

Typically 1 second to full scale