

# RANGES AND UNCERTAINTIES

Measurement Discipline	Range	Uncertainty
DC Voltage	0 – 1000 V	5 ppm
DC Current	0 – 20 A	120 ppm
AC Voltage	1 mV – 1000 V Frequency range 10 Hz – 500 kHz	80 ppm
AC Current	30 $\mu$ A – 20 A Frequency range 10 Hz – 500 kHz	200 ppm
Resistance DC	0 – 1 G $\Omega$	40 ppm
Capacitance	190 pF – 110 mF	500 ppm
AC/DC Power	100 $\mu$ W – 10 kW	0.1% of reading
Oscilloscopes	up to 1.1 GHz	$\pm$ 2% to $\pm$ 7% of output