



Calibration Ranges at a Glance

PARAMETER	SOURCE	MEASURE
DC Voltage	0.1 V to 1020 V	0.1 V to 1000 V
DC Current	0.01 A to 11 A	10 nA to 3 A
Resistance	0.001 to 330 M	100 to 100 M
AC Voltage	1 mV to 1020 V	5 mV to 750 V
AC Current	0.03 mA to 11 A	10 mA to 30 A
Capacitance	0.33 nF to 1.1 mF	
Frequency	0.01 Hz to 2 Mhz	3 Hz to 500 kHz
Period		333 mS to 2 S
DC Current Coil	0.5 A to 550 A	
AC Current Coil	110 A to 550 A	
DC High Voltage		0 V to 6/40 kV
AC High Voltage		0 V to 4.3/28 kV
Temperature (T/C)		
Type J	-210 °C to 1200 °C	
Type K	-200 °C to 1372 °C	
Other Types	B, C, E, L, N, R, S, T, U	
Temperature (RTD)		
Pt385-100	-200 °C to 800 °C	
Other Types	200 , 500 , 1000 , PtNi385-120 , Cu427-10	
DC/AC Power (1ph)		
	33 mV to 1020 V	
	3.3 mA to 11 A	
	0.11 mW to 11220 W	
	1.00 pF to 0.01 pF lead/lag	
	0.02 deg. to 179.9 deg.	

Types of Instruments which can be Calibrated at Lumetronics - A Brief List

DIGITAL : Panel Meters, Multimeters, 3^{1/2}, 4^{1/2}, 3^{3/4} digits
 : Power (Watt) Meters, Low Power Factor Watt Meters, VAW Meters,
 Power Factor Meters, (all single phase)
 : Frequency Meters, Harmonic Analysers/Meters,
 : Temperature Indicators/Controllers/Scanners
 : Capacitance, Resistance Meters, 2 wire / 4 wire, 3^{1/2}, 4^{1/2}, 3^{3/4} digits

ANALOG : Precision Bench top meters. Multimeters, Panel Meters,

OTHERS : Digital / Analog Current Clamp Meters
 : Transducers - Volts, Amps, Frequency, Power, Power Factor (single phase)
 : High Voltage Breakdown Test Sets, Leakage Current Meters, Earth Bond Testers,
 : Digital / Analog Electrical Test Panels, Insulation Testers,

Contact Lumetronics for detailed range / accuracy specifications, rates and any other queries

