



OMEGA CALIBRATION LABORATORIES LIMITED

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Electrical LF and DC Capabilities

DC Voltage:

Measurement Up - 100 kV

Generation Up - 100 kV

DC Current:

Measurement 10 nA - 1000 A

Generation 0 mA - 1000 A

AC Voltage:

Measurement 2 mV - 100 kV *

Generation 1 mV - 75 kV *

AC Current:

Measurement 10 nA - 1000 A *

Generation 30 μ A - 1000 A *

DC Resistance:

Measurement 0 Ohm - 10 TOhm

Generation 1 mOhm - 10 TOhm

Time & Period:

Frequency 5 Hz - 20 GHz

Period 500 pSec - 5 Sec

Capacitance:

Measurement 0.01 pFarad - 10 Farad

Generation 100 pFarad - 100 μ Farad

Inductance:

Measurement 0.01 nHenry - 100 kHenry

Generation 50 μ Henry - 10 Henry

* AC parameters at frequencies from 5 Hz - 100 kHz depending on the Amplitude