

PICOTEST DMM COMPARISON SHEET

Model Function	M3500A	M3510A	M3511A
Digits	6 1/2	6 1/2	6 1/2
Display	VFD	LCD	LCD
True RMS	YES	YES	YES
Basic Functions <small>(DCV/DCI, ACV/ACI, 2Ω/4Ω, FREQ., CONT/DIODE, RTD, Limits, Ratio, MX+B, %, dBm, dB, Min/Max & Null.)</small>	YES	YES	YES
DCV Accuracy (1 Year)	0.0035 %	< 0.012 %	< 0.012 %
Sensitivity	DCV: 0.1 μV 2W/4WΩ :100 μΩ	DCV: 0.1 μV 2W/4WΩ :100 μΩ	DCV: 0.1 μV 2W/4WΩ :100 μΩ
AC Meas. Range	3 Hz to 300 KHz	10 Hz to 300 KHz	10 Hz to 300 KHz
Dual Meas.	NO	YES	YES
Sampling Rate	2000 Rdgs/s	50 K Rdgs/s	10 K Rdgs/s
Thermocouple Meas.	YES (Indirect)	YES (Direct)	NO
Capacitance Meas.	NO	YES	YES
The Max. Current Meas. Capability	3A	10A	10A
Support Scanner Card Meas.	YES	NO	NO
Rear Terminal	YES	NO	NO
Compliant SCPI	YES	YES	YES
CE Approved	YES	YES	YES
USBTC	YES	YES	YES
Free Software	YES	YES	YES
Dimension	11.2x25.6x37cm	10.7x25.3x30.5cm	10.7x25.3x30.5cm
Weight	4.6 Kgs	2.65 Kgs	2.65 Kgs
GPIO/RS-232	Support	Support	Support