



	PICOTEST	PICOTEST	PICOTEST	PICOTEST	PICOTEST	PICOTEST
Model	M3522A	M3521A	M3500A	M3520A	M3510A	M3511A
Digits of resolution	6½	6½	6½	6½	6½	6½
Basic DCV accuracy	30 ppm	35 ppm	35 ppm	75 ppm	90 ppm	90 ppm
Max reading rate	100,000 rdgs/s	10,000 rdgs/s	2,000 rdgs/s	300 rdgs/s	50,000 rdgs/s	50,000 rdgs/s
Memory	7.5M rdgs	10,000 rdgs	1,000 rdgs	1,000 rdgs	1,000 rdgs	1,000 rdgs
DCV Ranges	100 mV to 1,000 V	100 mV to 1,000 V	100 mV to 1,000 V	100 mV to 1,000 V	100 mV to 1,000 V	100 mV to 1,000 V
Accuracy	0.0030 + 0.0004	0.0035 + 0.0005	0.0035 + 0.0005	0.0075 + 0.0005	0.0090 + 0.001	0.0090 + 0.001
ACV(RMS) Ranges	100 mV to 750 V	100 mV to 750 V	100 mV to 750 V	100 mV to 750 V	100 mV to 750 V	100 mV to 750 V
Accuracy	0.06 + 0.04	0.06 + 0.04	0.06 + 0.04	0.09 + 0.03	0.12 + 0.05	0.12 + 0.05
DCI Ranges	1 µA to 10 A	10mA to 3 A	10mA to 3 A	10mA to 3 A	10mA to 10 A	10mA to 10 A (Nono 3A)
Accuracy	0.050 + 0.005	0.050 + 0.005	0.050 + 0.005	0.050 + 0.005	0.050 + 0.020	0.050 + 0.020
ACI Ranges	100 µA to 10 A	10mA to 3 A	1A to 3 A	10mA to 3 A	1A to 10 A	1A to 10 A (Nono 3A)
Accuracy	0.10 + 0.04	0.10 + 0.04	0.10 + 0.04	0.10 + 0.04	0.20 + 0.04	0.20 + 0.04
2- and 4-wire resistance	100 Ω to 100 MΩ	100 Ω to 100 MΩ	100 Ω to 100 MΩ	100 Ω to 100 MΩ	100 Ω to 100 MΩ	100 Ω to 100 MΩ
Accuracy	0.010 + 0.001	0.010 + 0.001	0.010 + 0.001	0.014 + 0.001	0.020 + 0.002	0.020 + 0.002
Frequency, period	3 Hz to 300 kHz	3 Hz to 300 kHz	3 Hz to 300 kHz	3 Hz to 300 kHz	10 Hz to 300 kHz	10 Hz to 300 kHz
Accuracy	0.004	0.004	0.010	0.004	0.020	0.020
Capacitance	1.0 nF to 100.0 µF	1.0 nF to 100.0 µF	N/A	1.0 nF to 100.0 µF	1.0 nF to 10000.0 µF	1.0 nF to 10000.0 µF
Accuracy	0.40 + 0.10	0.40 + 0.10	N/A	0.40 + 0.10	1.00 + 0.50	1.00 + 0.50
Continuity, diode	Y, 10 V	Y, 5 V	Y, 1 V	Y, 5 V	Y, 1 V	Y, 1 V
Temperature	RTD/PT100, thermistor, thermocouples	RTD/PT100, thermistor ,TCO	RTD/PT100, thermocouples	RTD/PT100, thermistor	RTD/PT100, thermocouples	RTD/PT100, thermocouples
Dual line display	Yes	No	No	No	Yes	Yes
Tripple Display	Yes	No	No	No	No	No
Digitize	Yes	No	No	No	No	No
Data Log (Scanner Card)	Yes	Yes	Yes	No	No	No
Display	Color, graphical	Color, graphical	VFD,3-color	Color, graphical	LCD	LCD
Statistical graphics	Histogram, trend chart	No	No	No	No	No
Rear input terminals	Yes	Yes	Yes	No	No	No
IO interface						
USB	Yes	Yes	Yes	No	Yes	Yes
LAN/LXI Core	Yes	Yes	No	No	No	No
GPIB or RS-232	Optional	Optional	Optional	No	Optional	Optional