

6508B Professional Insulation Tester & High Resolution Meter with True RMS InfraRed Thermal Image Multimeter design, providing fast A/D converting sampling time, high accuracy, with datalogging features. advanced system Platform permits smart multifunctions such as updating software on line, PC calibration etc.

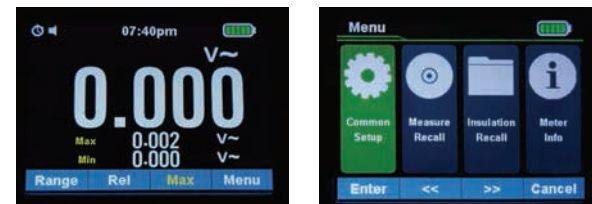


Model DT-320BS
3000A AC Flexible clamp
(optional)

Model 6508B



EMC & LVD
EN: 61326
EN: 61010-1
EN: 61010-02-032
EN: 61010-02-033



Features

- Large 240 x 320 3.5" RGB color 6000 counts LCD display
- Insulation test voltages 125V, 250V, 500V, 1000V
- Insulation test: 0.001MΩ to 6000MΩ
- PI/DAR timed ratio tests
- Logging function with Trend Capture for easy review of logged data
- Low pass filter for accurate measurement of variable frequency drive (VFD) signals
- AC, AC+DC true-RMS measurements & 1kHz ACV, ACA bandwidth
- 3000A Flexible Coil Current Measurements (Optional)
- Peak capture (records transients as fast as 500μs)
- Min/Max/Average with Time stamp (records signal fluctuations)
- High voltage and overload indication
- Lock power on function for hands-free operation
- K-type thermocouple
- Auto discharge of voltage test signal
- Support capture screen capabilities
- Bluetooth BLE instant share function
- Easy to view and analyze images quickly
- CAT III 1000V, CAT IV 600V measurement category

Specifications

True RMS Multimeter Functions				
Function	Max. Range	Max. resolution	Best Accuracy	
Voltage DC	1000V	1mV	±(0.5% + 5)	
Voltage AC	1000V	1mV	±(1.0% + 5)	
Low Z AC Voltage	600V	1mV	±(3.0% + 40)	
Current DC	10A	0.1μA	±(0.9% + 5)	
Current AC	10A	0.1μA	±(1.2% + 5)	
AC 3000A Current	100mV/1A	1A	±(2.5% + 10)	
Temperature	-20°C to 1000°C	0.1/1°C	±(30% + 5°C)	
	-4°F to 1832°F	0.1/1°F		
Resistance	60MΩ	0.1Ω	±(1.5% + 5)	
Capacitance	6000μF	10pF	±(3.0% + 5)	
Frequency (electrical)	9.999kHz	1Hz	±(0.09% + 5)	
Diode and Continuity	Yes			
Power Supply	6 hours Li-ion rechargeable battery; AC Adaptor/charger			
Insulation Tester				
Terminal Voltage	Range	Max. Resolution	Accuracy	Test Current
125V(0% ~20%)	0.125~6000MΩ	0.001MΩ	±(2%+10)	1mA @load125kΩ
250V(0% ~20%)	0.250~6000MΩ		±(2%+10)	1mA @load250kΩ
500V(0% ~20%)	0.500~6000MΩ		±(2%+5)	1mA @load1500kΩ
1000V(0% ~20%)	1.000~6000MΩ		±(3%+5)	1mA @load1MΩ

Size(HxWxD): 97mm x 210mm x 68mm **Weight:** 634g
Accessories: Test leads, 6 x AA Batteries, Type K temperature probe, Software, gift box with carrying case.

The Insulation and Low Ohm Multimeter combines a digital insulation tester with a full-featured, True RMS digital multimeter in a single, compact and handheld unit, which provides maximum versatility for both troubleshooting and preventative maintenance.

Features

	6505	6505F
Rugged, utility hard case	*	*
Auto power off to save battery power	*	*
True-RMS	*	*
Data logged	*	*
Low pass filter for accurate measurement of variable frequency drive (VFD) signals	*	*
CAT III 1000V, CAT IV 600V measurement category	*	*
Bluetooth interface	*	*
Save both time and money with Automatic calculation of Polarization Index and Dielectric Absorption Ratio	*	*
Slim probes designed with test button	*	*
200 mA Continuity & Low Ohm range measurement	*	*
Compare function (pass/fail) for fast repetitive tests	*	*
Insulation test voltages 125V, 250V, 500V, 1000V	*	*
Insulation test: 0.001MΩ to 5000MΩ	*	*
Auto discharge of voltage test signal	*	*
Insulation test smoothing reading	*	*
K-type thermocouple	*	*
AC 3000A Current test	*	*

Specifications

Multimeter				6505	6505F
Function	Max Range	Max Resolution	Basic Accuracy		
DC Voltage	1000V	0.1V	±(0.1% + 4)	*	*
AC Voltage	1000V	0.1V	±(1.0% + 5)	*	*
Low Z AC Voltage	600V	1mV	±(3.0% + 40)		
AC+DC Voltage	1000V	0.1V	±(3.0% + 40)		
DC Current	10A	0.001A	±(1.0% + 3)	*	*
AC Current	10A	0.001A	±(1.5% + 3)	*	*
AC 3000A Current	3000A	0.01A	±(3.0% + 3)	*	*
Resistance	50MΩ	0.01Ω	±(1.0% + 4)	*	*
Capacitance	5000μF	0.1μF	±(3.5% + 10)	*	*
Frequency	50MHz	0.001MHz	±(0.1% + 1)	*	*
Duty Cycle	0.1 to 99.90%	0.01%	±(1.0% + 2)	*	*
Temperature	-50 to 1200°C	0.1°C	±(1.0% + 2.5°C)	*	*
	-58 to 2192°F	0.1°F	±(1.0% + 4.5°F)		
Insulation Tester					
Terminal Voltage	Range	Max Resolution	Accuracy	Test Current	
125V(0% ~10%)	0.125~5000MΩ	0.001MΩ	±(2%+10)	1mA @load125kΩ	*
250V(0% ~10%)	0.250~5000MΩ	0.001MΩ	±(2%+10)	1mA @load250kΩ	*
500V(0% ~10%)	0.500~5000MΩ	0.001MΩ	±(2%+10)	1mA @load1500kΩ	*
1000V(0% ~0%)	1.000~5000MΩ	0.001MΩ	±(2%+10)	1mA @load1MΩ	*
Low Ohm Meter					
	Range	Resolution	Accuracy	Max. open Circuit Voltage	
Resistance	0.000~5.000Ω	0.001Ω	±(1.5% + 30)	5 ±1V	*
	5.00~50.00Ω	0.01Ω	±(1.5% + 3)		
	50.0~500.0Ω	0.1Ω	±(1.5% + 3)		
	500~2000Ω	1Ω	±(1.5% + 5)		

Size(HxWxD): 97mm x 210mm x 68mm **Weight:** 634g
Accessories: Test leads, 6 x 1.5V“AAA” batteries, Type K temperature probe and Software, gift box with carrying case.



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Model 6505F



Model 6505



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3000A AC
Flexible clamp (optional)