TRIPLETT
Test Equipment & Tools

True RMS Compact Digital MultiMeter

MODEL 1401

TRIPLETT 3 YEAR WARRANTY

Applications

- Test various electrical circuits
- Perfect for professionals and DIY

Features

- 3 1/2 digit, 6000 count backlit display
- 52 ranges including: Voltage, Current, Resistance, Temperature Frequency Capacitance & More!
- Non-Contact Voltage detector
- AC/DC Voltage up to 600V
- AC/DC Current up to 10A
- Battery Test 1.5V & 9V
- Data Hold
- Test lead holders
- CAT III 600V certified

	Model Number	1201	1301	1401	1101-B	2030-C	BBT858L
Compact Digital MultiMeter Functions	DC Voltage	0.1mV to 600V 3(2V/20V/200V, 1mV/10mV/100mV res) ±(0.5% of + 2) 1(600V CAT**III**, 1V res) ±(0.8% of + 2)	0.1mV to 600V 3(2V/20V/200V, 1mV/10mV/100mV res) ±(0.5% + 2) 1(600V CAT**III**, 1V res) ±(0.8% + 2)	0.1mV to 600V 4(600mV/6V/60V/600V, 0.1mV/1mV/10mV/100v res) ±(0.5% + 2) 1(600V CAT**III**, 1V res) ±(0.8% + 2)	0.1mV to 600V 3(200mV/2V/20V, 0.1mV/0.001/0.01 res) ± (0.8% + 4) 1(200V, 0.1V res) ± (0.8% + 5) 1(600V CAT **II**, 1V res) ± (1.2% + 5)	0.1mV to 600V 4(400mV/4V/40V/400V, 0.1mV/0.001V/0.01V/0.1V res) ± (0.8% + 3) 1(600V CAT **II**, 1V res) ± (1% + 3)	0.1mV to 600V 1(200mV, 100uV res) ±(0.5% + 3) 4(2V/20V/200V/600V, 1mV/10mV/100mV 1V res) ±(0.8% + 2)
	AC Voltage (60Hz)	0.1mV to 600V 2(200V/600V, 100mV/1V res) ±(1.5% + 5)	0.1mV to 600V 2(200V/600V, 100mV/1V res) ±(1.2% + 5)	0.1mV to 600V True RMS 3(6V/60V/600v, 1mV/10mV/100mV res) ±(1.0% + 3) 1(600V, 1V res) ±(1.5% + 3)	0.1V to 600V 1(200V, 0.1V res) ± (1.5% + 5) 1(600V CAT **II**, 1V res) ± (1.5% + 8)	0.1mV to 600V 1(400mV, 0.1mV res) ± (1.5% + 5) 3(4/40/400V, 0.001/0.01/0.1V res) ± (1.2% + 5) 1(600V CAT **II**, 1V res) ± (1.5% + 5)	0.1mV to 600V 2(200V/600V, 100mV/1V res) ±(2.0% + 10)
	DC Current	0.1uA to 10A 4(200uA/2mA/20mA/200mA, 0.1uA/1uA/10uA/100uA res) ±(1.2% + 2) 1(10A, 10mA res) ±(2.0% + 3)	0.1uA to 10A 1(200uA,100uA res) ±(1.2% + 2) 1(10A, 10mA res) ±(2.0% + 3)	0.1uA to 10A 5(600uA/6000uA/60mA/600mA/6A, 0.1uA/1uA/10uA/100uA/1mA res) ±(1.2% + 2) 1(10A, 10mA res) ±(2.0% + 3)	0.001mA to 10A 2(2/20mA, 0.001/0.01mA res) ±(1.2% + 5) 1(200mA, 0.1mA res) ±(2% + 5) 1(10A, 0.01A res) ±(3% + 5)	0.1uA to 400mA 2(400/4000uA, 0.1uA/1uA res) ±(2% + 5) 2(40/400mA, 0.01mA/1mA res) ±(1.5% + 5)	0.1uA to 10A 3(200uA/2mA/20mA, 0.1uA/1uA/10uA res) ±(1.8% + 2) 1(200mA, 100uA res) ±(2.0% + 2) 1(10A, 10mA res) ±(2.0% + 10)
	AC Current (60Hz)	-	0.1uA to 10A 1(200uA,100uA res) ±(1.5% + 3) 1(10A, 10mA res) ±(2.5% + 5)	0.1uA to 10A True RMS 5(600uA/6000uA/60mA/600mA/6A, 0.1uA/1uA/10uA/100uA/1mA res) ±(1.5% + 3) 1(10A, 10mA res) ±(2.5% + 5)	-	0.1uA to 400mA 2(400/4000uA, 0.1uA/1uA res) ±(2.5% + 5) 2(40/400mA, 0.01mA/1mA res) ±(2% + 5)	-
	Resistance (Ohms)	0.1Ω to 2M 1(200Ω, 0.1 res) ± (1.0% rdg + 3 dgts) 3(2/20/200K, 1/10/100 res) ±(1.0% + 2) 1(2M, 1k res) ± (1.5% + 3)	0.1Ω to 20M 1(200Ω, 0.1 res) ± (1.0% rdg + 3 dgts) 4(2k/20k/200K/2M, 1/10/100/1k res) ±(1.0% + 2) 1(20M, 1k res) ± (1.5% + 3)	0.1Ω to 60M 1(200Ω, 0.1 res) ± (1.0% + 3) 4(6kΩ/60kΩ/600kΩ/6MΩ, 1Ω/10Ω/100Ω/1kΩ res) ±(1.0% + 2) 1(60MΩ, 1k res) ± (1.5% + 3)	0.1Ω to 2M 1(200Ω, 0.1 res) ± (1.5% + 5) 3(2Ω/20Ω/200kΩ, 0.001Ω/0.01Ω/0.1kΩ res) ±(1.2% + 5) 1(2MΩ, 0.001MΩ res) ± (1.5% + 5)	0.1Ω to 40M 5(400Ω/4kΩ/40kΩ/400kΩ/4MΩ, 0.1Ω/0.001Ω/0.01Ω/0.1kΩ/0.001MΩ res) ±(1% + 3) 1(40M) ±(3% + 5) (1Ω/0.001Ω/0.01Ω/0.1kΩ/0.001MΩ res) ±(1% + 3) 1(40M) ±(3% + 5)	0.1Ω to 2M 1(200Ω, 100mΩ res) ± (1.0% rdg + 10 dgts) 4(2K/20K/200K/2M, 1Ω/10Ω/100Ω/1KΩ res) ±(1.0% + 4)
	Frequency	-	-	9.999Hz to 9.999MHz 7(9.999Hz/99.99Hz/999.9Hz/9.999kHz/99.99kHz/999.9kHz/9.999MHz, 0.001Hz/0.01Hz/0.1Hz/1Hz/10Hz/100Hz/1kHz res) ±(0.1% + 5)	-	10Hz to 5KHz 3(50/500Hz/5KHz, 0.01/0.1Hz/0.001KHz res) ±(0.02% + 2)	-
	Capacitance	-	-	9.999nF to 99.99nF 1(9,999nF, 1pF res) ±(3.0% + 10) 3(99,99nF/999,9nF/9,999uF, 10pF/100pF/1nF) ±(2.5% + 5) 1(99,99uF, 10nF res) ±(5.0% + 10) 3(999,9uF/9,999mF/99,99mF, 1uF/10uF/99,99mF) ±(10.0% + 10)	-	40nF to 100µF 1(40nF, 0.01nF res) ±(5% + 15) 3(400nF/4/40µF, 0.1nF/0.001/0.01uF res) ±(2.5% + 10) 1(100µF, 0.1uF res) ±(3% + 15)	-
	Temperature (K-Type)	-4° to 1832°F (- 4°F to 302°F, 1°F res) ±(5°F+ 2) (302°F to 1832°F, 1°F res) ±(3%+ 3)	-4° to 1832°F (- 4°F to 302°F, 1°F res) ±(5°F+ 2) (302°F to 1832°F, 1°F res) ±(3%+ 3)	-4° to 1832°F (- 4°F to 302°F, 1°F res) ±(5°F+ 2) (302°F to 1832°F, 1°F res) ±(3%+ 3) (- 20°C to 150°C, 1°C res) ±(3°C+ 1) (150°C to 1832°C, 1°C res) ±(3%+ 2)	-4° to 1832°F (- 4°F to 302°F, 1°F res) ±(3% + 5) (302°F to 572°F, 1°F res) ±(3% + 6) (572°F to 1832°F, 1°F res) ±(3.5% + 15)	-	0° to 1300°F 1(0°F to 750°F, 1°F res) ±(1% + 4) 1(750°F to 1300°F, 1°F res) ±(1.5%+ 15)
	Battery Test	1.5V to 9V 2(1.5V/9V, 1mV/10mV res)±(5.0% + 2)	1.5V to 9V 2(1.5V/9V, 1mV/10mV res)±(5.0% + 2)	1.5V to 9V 2(1.5V/9V, 1mV/10mV res)±(5.0% + 2)	-	-	-
	Continuity	✓	✓	✓	✓	✓	✓
	Diode Check	✓	✓	✓	✓	✓	✓
	Transistor Check (hFE)	-	-	-	✓	-	✓
	Duty Cycle	-	-	✓	-	✓	-
	NCV	-	✓	✓			-
	Total Ranges	21	22	52	19	36	21
Safety	Overload Protection	mV Ranges: 250V AC/DC	250V AC/DC	250V AC/DC	250V AC/DC	600V AC/DC CAT **II**	250V AC/DC
		Voltage Ranges (ex mV): 600V AC/DC CAT **III**	600V AC/DC CAT **III**	600V AC/DC CAT **III**	600V AC/DC CAT **II**	600V AC/DC CAT **II**	600V AC/DC CAT
		ΩRanges: 500V AC/DC	500V AC/DC	500V AC/DC	500V AC/DC	600V AC/DC	250V AC/DC
		Frequency: -	-	600V AC/DC CAT **III**	-	600V AC/DC	-
		Diode Test: 500V AC/DC	500V AC/DC	500V AC/DC	500V AC/DC	600V AC/DC	250V AC/DC
		Continuity Beeper: 500V AC/DC	500V AC/DC	500V AC/DC	500V AC/DC	600V AC/DC	250V AC/DC
	Fuses	mA Jack: 200mA / 500V	200mA / 500V	800mA / 500V	200mA / 500V	0.5A / 250V	500mA / 250V
		A Jack: NOT FUSED, Apply 10A max >10 sec	NOT FUSED, Apply 10A max >10 sec	10A/500V	NOT FUSED, Apply 10A max >10 sec		NOT FUSED, Apply 10A max >10 sec
	Agency Approval	CE IEC 1010-1 On Voltage Ranges Only. See "Overload Protection" above	CE IEC 1010-1 On Voltage Ranges Only. See "Overload Protection" above	CE IEC 1010-1 On Voltage Ranges Only. See "Overload Protection" above	CE IEC 1010-1 On Voltage Ranges Only. See "Overload Protection" above	CE IEC 1010-1 (EN 61010-1) On Voltage Ranges Only. See "Overload Protection" above	
Physical	Battery	1 - 9 Volt	1 - 9 Volt	2 - 1.5 Volt AA	1 - 9 Volt	2 -1.5V, LR-44 or SR-44	1 - 9 Volt
	Dimensions	4.2" x 5.9" x 1.4"	4.2" x 5.9" x 1.4"	4.2" x 5.9" x 1.4"	2.7" x 5.7" x 1.2"	3.2" x 4.8" x 0.8"	3" x 5.75" x 1.75"
	Weight	8.8 oz	8.8 oz	8.8 oz	6.0 oz	3.5 oz	6.0 oz