

TRIPLETT 21st Century Series Selection Guide

	Model Number <i>Catalog Number</i>	2101 <i>Cat. No. 2101</i>	2102 <i>Cat. No. 2102</i>	2103 <i>Cat. No. 2103</i>	2104 <i>Cat. No. 2104</i>	2105 <i>Cat. No. 2105</i>
FUNCTIONS	DC Voltage	5(400mV to 1000V) 0.5% +3dgt	4(200mV to 200V) 0.3% +1dgt 1(1000V) 0.5% + 1dgt	4(400mV to 400V) 0.3% +1dgt 1(1000V) 0.5% + 1dgt	4(200mV to 200V) 0.05% +3dgt 1(1000V) 0.1% + 1dgt	4(400mV to 400V) 0.3% +1dgt 1(1000V) 0.5% + 1dgt
	AC Voltage	4(400mV to 400V) 1.0% +5dgt 1(750V) 1.5% + 5dgt	1(200mV) 0.8% +3dgt 3(2V to 200V) 2.5% +5dgt 1(750V) 1.5% + 3dgt	4(400mV to 400V) 0.8% +3dgt* 1(750V) 1.0% +3dgt	4(200mV to 200V) 0.5%+10dgt 1(750V) 0.8% + 10dgt	4(400mV to 400V) 0.8% +3dgt 1(750V) 1.0% + 3dgt
	DC Current	1(4mA) 0.8% +3dgt 1(400mA) 1.2% +3dgt 1(20A) 2.0% +5dgt	1(2mA) 0.5% +1dgt 1(200mA) 1.2% +1dgt 1(20A) 2.0% +5dgt	2(40mA to 400mA) 0.8% +1dgt 2(4A to 20A) 1.5% +5dgt	2(2mA to 20mA) 0.3% +3dgt 1(200mA) 0.5% +3dgt 1(20A) 0.8% +5dgt	2(400μA to 4mA) 1.0% +1dgt 2(40mA to 400mA) 0.8% +1dgt 2(4A to 20A) 1.5% +5dgt
	AC Current	1(4mA) 1.0% +5dgt 1(400mA) 1.5% +5dgt 1(20A) 3.0% +5dgt	1(2mA) 1.0% +3dgt 1(200mA) 1.8% +5dgt 1(20A) 3.0% +5dgt	2(40mA to 400mA) 2.5% +3dgt 2(4A to 20A) 2.0% +5dgt	2(2mA to 20mA) 0.8% +10dgt 1(200mA) 1.0% +10dgt 1(20A) 1.2% +15dgt	4(400μA to 400mA) 1.5% +3dgt 2(4A to 20A) 2.0% +5dgt
	Resistance	5(400Ω to 4MΩ) 0.5% +3dgt 1(40MΩ) 3.0% +5dgt	5(200Ω to 2MΩ) 0.5% +3dgt 1(20MΩ) 1.0% +2dgt	5(400Ω to 4MΩ) 0.5% +1dgt 1(40MΩ) 1.0% +2dgt	1(200Ω) 0.2% +5dgt 4(2KΩ to 2MΩ) 0.15% +3dgt 1(20MΩ) 0.5% +5dgt	5(400Ω to 4MΩ) 0.5% +1dgt 1(40MΩ) 1.0% +2dgt
	Frequency	————	6(2KHz to 2MHz) 1.0% +1dgt	4(4KHz to 4MHz) 0.1% +2dgt	3(20KHz to 2MHz) 0.1% +2dgt	5(4KHz to 40MHz) 0.1% +2dgt
	Capacitance	1(4nF) 3.0% +10dgt 1(400nF) 3.0% +5dgt	3(2nF to 200nF) 2.0% +3dgt 3(2μF to 200μF) 3.0% +5dgt	3(4nF to 400nF) 2.0% +3dgt 3(2μF to 200μF) 3.0% +5dgt	2(20nF to 200nF) 2.0% +5dgt 2(20μF to 200μF) 3.0% +8dgt	3(4nF to 400nF) 2.0% +3dgt 3(4μF to 400μF) 3.0% +5dgt
	Temperature (K-type)	(-4°F to 400°F) 3.0% +10F (400°F to 2000°F) 3.0% +4F	(-40°F to 400°F) 3.0% +10F (400°F to 1999°F) 3.0% +6F	(-40°F to 400°F) 3.0% +10F (400°F to 2190°F) 3.0% +6F	————	(-40°F to 400°F) 3.0% +10F (400°F to 2190°F) 3.0% +6F
	Inductance	————	————	1(40mH) 3.0% +20dgt 1(400mH) 3.0% +10dgt	————	————
	Signal Output	————	————	8(1Hz to 5KHz)	————	10(10Hz to 10.24KHz)
	Wattage (Power Monitor)	————	————	————	————	4000W max.
	Continuity	≤ 50Ω	≤ 40Ω	≤ 40Ω	≤ 30Ω	≤ 40Ω
	Diode Check	▲	▲	————	▲	▲
	Transistor Check (hFE)	▲	▲	▲	▲	▲
	Logic Test	————	▲	▲	▲	▲
	dB Test	————	▲	▲	▲	▲
	RS-232C	▲	▲	▲	▲	▲
	Total Ranges / Functions	29	41	46	37	52

SAFETY	Overload Protection	1000VDC on VDC 750VAC on VAC 250V AC/DC Ω Ranges	1000VDC on VDC 750VAC on VAC 250V AC/DC Ω Ranges	1000VDC on VDC 750VAC on VAC 250V AC/DC Ω Ranges	1000VDC on VDC 750VAC on VAC 250V AC/DC Ω Ranges	1000VDC on VDC 750VAC on VAC 250V AC/DC Ω Ranges
	Wrong Input Detector	————	————	————	Warning Beeper	Warning Beeper
	Fuse	800mA/250V for mA 15A/250V for 20A	2A/250V for mA 15A/250V for 20A	800mA/250V for mA 15A/250V for 20A	800mA/250V for mA 15A/250V for 20A	800mA/250V for mA 15A/250V for 20A
	Agency Approval	CE, TUV/GS, CAT III 600V AC/DC CAT II 1000VDC / 750VAC	CE, TUV/GS, UL, CAT III 600V AC/DC CAT II 1000VDC / 750VAC	CE, TUV/GS, CAT III 600V AC/DC CAT II 1000VDC / 750VAC	CE, TUV/GS, CAT III 600V AC/DC CAT II 1000VDC / 750VAC	CE, TUV/GS, CAT III 600V AC/DC CAT II 1000VDC / 750VAC

FEATURES	True RMS	————	▲	▲	————	▲
	Range Selection	Auto / Manual Range	Manual Range	Auto / Manual Range	Manual Range	Auto / Manual Range
	Digital Display	3 3/4 Digit, 3999 Count	3 1/2 Digit, 1999 Count	3 3/4 Digit, 3999 Count	4 1/2 Digit, 19999 Count	3 3/4 Digit, 3999 Count
	Bargraph	21 Segment	42 Segment	42 Segment	42 Segment	42 Segment
	Backlit Display	————	————	▲	————	▲
	Number of Displays	Single	Dual	Dual	Quad	Quad
	Auto Polarity	▲	▲	▲	▲	▲
	Data Hold	————	▲	▲	▲	▲
	Range Hold	▲	————	▲	————	▲
	Auto Hold	————	▲	▲	▲	▲
	Min / Max Hold	————	▲	▲	————	————
	Min / Max / Average Hold	————	————	————	▲	▲
	Relative Mode	————	▲	▲	▲	▲
	Memory / Recall	————	Stores 10 measured values	Stores 5 measured values	Stores 10 measured values	Stores 10 measured values
	Comparison (Hi, Lo, Pass)	————	▲	▲	▲	▲
	Low Battery Indication	▲	▲	▲	▲	▲
	Auto Power Off	————	▲	▲	▲	▲

PHYSICAL	Battery	1 - 9 Volt	1 - 9 Volt	1 - 9 Volt	1 - 9 Volt	1 - 9 Volt
	Dimensions	3.2 x 7.4 x 1.4 in.	3.3 x 7.4 x 1.4 in.	3.3 x 7.4 x 1.4 in.	3.4 x 7.6 x 1.6 in.	3.4 x 7.6 x 1.6 in.
	Weight	0.77 lbs. w/o boot	0.84 lbs. w/o boot	0.84 lbs. w/o boot	0.91 lbs. w/o boot	0.92 lbs. w/o boot