

TRIPLETT 9000 Series DMM Selection Guide

Model Number <i>Catalog Number</i>		9005-A <i>Cat. No. 9005</i>	9015-A <i>Cat. No. 9015</i>	9025 <i>Cat. No. 9025</i>	9040 <i>Cat. No. 9040</i>
FUNCTIONS	DC Voltage	5(200mV to 1000V) 0.8% + 1dgt	5(200mV to 1000V) 0.8% + 1dgt	1(326mV) 0.8% + 3dgt 3(3.26V to 326V) 0.8% +1dgt 1(1000V) 1.0% + 3dgt	4(400mV to 400V) 0.3% +5dgt 1(1000V) 0.75% + 3dgt
	AC Voltage	1(200mV) 1.2% + 3dgt 3(2V to 200V) 0.8% + 3dgt 1(750V) 1.2% + 3dgt	1(2V) 0.8% + 3dgt 2(20V & 200V) 0.8% + 3dgt 1(750V) 1.2% + 3dgt	3(3.26V to 326V) 1.0% +5dgt 1(750V) 1.2% + 5dgt	3(4V to 400V) 0.5% +3dgt 1(750V) 1.0% + 5dgt
	DC Current	4(20µA to 20mA) 0.8% + 3dgt 2(200mA & 2A) 1.0% + 3dgt 1(10A) 2.0% + 5dgt	2(2mA & 20mA) 0.8% + 3dgt 1(200mA) 1.0% + 3dgt 1(10A) 2.0% + 5dgt	2(326µA to 3260µA) 1.0% +2dgt 2(32.6mA to 326mA) 1.2% +3dgt 1(10A) 1.5% +5dgt	2(400µA to 4000µA) 0.5% +1dgt 2(40mA to 400mA) 0.8% +3dgt 2(4A to 10A) 2.0% +5dgt
	AC Current	3(200µA to 20mA) 1.2% + 3dgt 2(200mA & 2A) 1.5% + 3dgt 1(10A) 3.0% + 5dgt	1(20mA) 1.2% + 3dgt 1(200mA) 1.5% + 3dgt 1(10A) 3.0% + 5dgt	1(326µA to 3260µA) 1.5% +5dgt 2(32.6mA to 326mA) 2.0% +5dgt 1(10A) 2.5% +5dgt	2(400µA to 4000µA) 1.0% +5dgt 2(40mA to 400mA) 1.3% +5dgt 2(4A to 10A) 2.5% +5dgt
	Resistance	5(200Ω to 2MΩ) 0.8% + 2dgt 1(20MΩ) 1.0% + 2dgt 1(200MΩ) [5.0% (rdg-10) +10dgt]	5(200Ω to 2MΩ) 0.8% + 2dgt 1(20MΩ) 1.0% + 2dgt 1(200MΩ) [5.0% (rdg-10) +10dgt]	4(326Ω to 326KΩ) 1.2% +2dgt 1(3.26MΩ) 2.0% +2dgt 1(32.6MΩ) 3.0% +5dgt	1(400Ω) 0.5% +10dgt 4(4KΩ to 4MΩ) 0.5% +3dgt 1(40MΩ) 1.2% +8dgt
	Frequency	————	1(20kHz) 1.5% + 5dgt	1(32.6kHz) 1.2% +3dgt 1(200kHz) 2.5% +3dgt	4(200Hz to 200kHz) 0.1% +2 dgt (20,000 counts)
	Capacitance	————	1(2nF) 5.0% + 10dgt 4(20nF to 20µF) 4.0% + 5dgt	2(326nF to 32.6µF) 3.0% +5dgt	3(1µF to 100µF) 2.0% +5dgt 1(1000µF) 3.0% +15dgt
	Temperature (K-type)	————	(-4°F to 500°F) 1.0% + 3dgt (501°F to 1000°F) 5.0% + 3dgt (1001°F to 1832°F) 6.0% + 3dgt	————	————
	Continuity	≤ 100Ω	≤ 100Ω	≤ 20Ω	▲
	Diode Check	▲	▲	▲	▲
	Transistor Check (hFE)	▲	▲	▲	————
Total Ranges / Functions		33	33	31	38

SAFETY	Overload Protection	mV Ranges	200mV AC/DC (250V AC/DC)	200mV DC (250V AC/DC)	326mV DC (600V AC/DC)	400mV DC (1000V AC/DC)
		Voltage Ranges (Except mV)	1000 VDC CAT I (IEC 1010-1) 750 VAC CAT I (IEC 1010-1) 600 AC/DC CAT II (IEC 1010-1) 300 AC/DC CAT III (IEC 1010-1)	1000 VDC CAT I (IEC 1010-1) 750 VAC CAT I (IEC 1010-1) 600 AC/DC CAT II (IEC 1010-1) 300 AC/DC CAT III (IEC 1010-1)	1000 VDC CAT I (IEC 1010-1) 750 VAC CAT I (IEC 1010-1) 600 AC/DC CAT II (IEC 1010-1) 300 AC/DC CAT III (IEC 1010-1)	1000 VDC CAT I (IEC 1010-1) 750 VAC CAT I (IEC 1010-1) 600 AC/DC CAT II (IEC 1010-1) 300 AC/DC CAT III (IEC 1010-1)
		Ω Ranges	250V AC/DC	250V AC/DC	600V AC/DC	600V AC/DC
		Frequency	————	250V AC/DC	600V AC/DC	600V AC/DC
		Diode Test	250V AC/DC	250V AC/DC	600V AC/DC	600V AC/DC
		Continuity Beeper	250V AC/DC	250V AC/DC	600V AC/DC	600V AC/DC
	Fuses	mA Jack	2A/250V Fuse	200mA/250V Fuse	300mA/600V Fuse	1A/600V Fast Fuse
		A Jack	Unfused	Unfused	10A/600V Fuse	15A/600V Fast Fuse
	Agency Approval		CE IEC 1010-1 (EN 61010-1) on Voltage Ranges Only. See "Overload Protection" above	CE IEC 1010-1 (EN 61010-1) on Voltage Ranges Only. See "Overload Protection" above	CE IEC 1010-1 (EN 61010-1) on Voltage Ranges Only. See "Overload Protection" above	CE IEC 1010-1 (EN 61010-1)

FEATURES	Range Selection	Manual Range	Manual Range	Auto / Manual Range	Auto / Manual Range
	True RMS	————	————	————	▲
	Digital Display	3 1/2 Digit, 1999 Count	3 1/2 Digit, 1999 Count	3 3/4 Digit, 3260 Count	3 3/4 Digit, 4000 Count
	Bargraph	————	————	33 Segment	41 Segment
	Data Hold	▲	▲	▲	▲
	Range Hold	————	————	————	▲
	Auto Polarity	▲	▲	▲	▲
	Auto Hold	————	————	————	▲
	Low Battery Indication	▲	▲	▲	▲
	Auto Power Off	▲	▲	▲	▲

PHYSICAL	Battery	1 - 9 Volt	1 - 9 Volt	1 - 9 Volt	1 - 9 Volt
	Dimensions	3.4 x 7.75 x 1.5 in. w/o boot	3.4 x 7.75 x 1.5 in. w/o boot	3.25 x 6.75 x 1.25 in. w/o boot	7.5 x 3.4 x 1.5 in.
	Weight	0.60 lbs. w/o boot	0.60 lbs. w/o boot	0.57 lbs. w/o boot	13.3 oz.