

	Extech EX330	Amprobe AM220	Global Specialties PRO-50	Elenco (Digitech) M-2625 (QM1535)	Victor VC99
FEATURES					
Street Price	\$55	\$44	\$35	\$35-\$43	\$35
Packaging	Box	Good/Blister	None	Box	None
Manual	Excellent	OK	Cheap Chinglish	Excellent	Cheap Chinglish
Counts	4000	4000	4000	4000	6000
"Feel"	Excellent	Excellent	Cheap	OK	Cheap
Tilting Bail	Small & Cheap	Wide & Good	Small and Cheap	Small but works	Cheap
Case Grip on Bench	Super Slippery	Super Slippery	OK	OK	OK
Size	Tiny 145 x 75mm	Small 155 x 85mm	Avg 175 x 82mm	Small 160 x 80mm	Large 187 x 92mm
Weight	260g	260g	270g	260g	290g
Assembly Screws	Threaded/Tapper	Tapper - Decent	Tapper	All Threaded	Tapper
Battery Compartment	YES	NO	YES	YES	YES
Fuse Compartment	YES	NO	YES	NO	NO
Range Switch	Soft'n'Spongy	Excellent	Cheap but crisp	Cheap but Crisp	Cheap but Crisp
Display Size	Huge 24mm	Large & thin 17mm	Large 21mm	Tiny 13mm	Huge 23mm
Display Protection	Tough	Good	Tough	Poor	OK
Display Clarity/Angle/Glare	Excellent	Very Good	Good	Average	Excellent
Display Update Speed	Slow	Good	Good	Slow	Good
Display Backlight	NO	YES	NO	NO	NO
Autoranging Speed	GOOD	SLOW	GOOD	GOOD	SLOW
AC and DC mV ranges	Not Auto on AC	YES	Not Auto on AC	Not Auto on AC	No mV on AC
A Range Fused	YES/GLASS	YES/CERAMIC	NO	YES/CERAMIC	YES
mA Range Fused	YES/GLASS	YES/CERAMIC	YES	YES	YES
Separate Current Jack	No, mA Shared	No, mA shared	YES	YES	YES
Continuity Mode	Int/Fast	Shit Slow	Fast Latch	Int/Fast	Shit Slow
Diode Voltage	1.5V / 0.3mA	2.8V / 0.4mA	1.5V / 0.5mA	1.5V / 1.5mA	
Min/Max	NO	YES	YES	NO	YES
Average	NO	NO	NO	NO	NO
Relative Mode	YES	YES	YES	YES	YES
Data Hold	YES	YES	YES	YES	YES
Manual Ranging	YES	YES	YES	YES	YES
Auto Power Off	YES	YES/Noisy	YES	YES	YES
APO Disable					
Duty Cycle	YES	YES	NO	YES	YES
Frequency Measurement	YES	YES	YES	YES	YES
Temperature	YES	NO	YES	YES (degF only)	YES
Transistor	NO	NO	NO	NO	YES
Non Contact Voltage	YES	NO	NO	NO	NO
High-Z mA range	Kinda	Kinda/The Best	Kinda	Kinda	Kinda
Auto Power Off Current	140uA	10uA		500uA	12uA
Battery Life	N/A, AAA's, 1.8 mA, 2.3V	N/A, AA's, 1.8mA, 2.4V LB	N/A 9V	N/A, AA's, 2.2mA, 2.4V LB	N/A, AAA's, 2.2 mA, 2.45V
True RMS	NO	NO	NO	NO	NO
QUALITY & RUGGEDNESS					
Case Plastic Quality	Very good	Very good	Cheapie	Ok	Cheapie
Input jacks quality	Very good	Ok	Very Good	Ok	Ok
Construction Quality	Very good	Good	Wierd but ok.	Not bad.	Crap.
CAT Rating	CAT III 600V	CAT III 600V	CAT II	CAT II	CAT II
Overload protection	PTC & Varistor	PTC	PTC	PTC	PTC
Probe Quality	Good	Good	Not rated. Worst.	Not rated	Not Rated.
Rubber Holster Quality	Good	Integrated. Ok	Integrated. Ok	Good with probe hooks	Ok
Warranty	12 months Real	12 months Real	12 Months	12 Months / Lifetime from Jaycar	Forget it
BASIC ACCURACY (BEST RANGE)					
Basic DCV Accurcay	0.5% + 2	0.5% + 2	0.5% + 4	0.5% + 5	0.5% + 3
Basic DCA Accuracy	1% + 3	1.2% + 3	1.0% + 6	1.5% + 5	1% + 3
Basic Ohms Accurcay	1.2% + 2	1% + 2	0.8% + 4	1.0% + 5	0.8% + 3
Basic VAC Accurcay	1.5% + 3	1% + 2	0.8% + 6	0.8% + 5	0.8% + 5
Basic AAC Accuracy	1.5% + 5	1.5% + 3	1.5% + 10	2.0% + 5	1.2% + 5
AC Bandwidth	400Hz?	400Hz	400Hz	400Hz	400Hz
Capacitance	2.5% + 4	2.5% + 5	2.5% + 6	3.0% + 5	2.5% + 5
Capacitance Resolution	1pF	10pF	1pF	10pF	10pF
Temperature	3% + 8	N/A		0.75% + 5	0.8% + 5
Frequency	40MHz 0.1% + 1	10MHz 0.1% + 5	30HMz 0.5% + 4	10MHz 0.1% + 5	60MHz 0.5%
Burden Voltage	0.1mV/uA, 2.5 mV/mA	0.05mV/uA, 2mV/mA	400mV Max	400mV Max	300mV max
Duty Cycle	1.2% + 2	2.0% + 2			
ISSUES					

	Extech	Amprobe	Global Specialties	Elenco (Digitech)	Victor	
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	Wobbles when flat on the bench	Case popped open a bit on drop test, but Ok.	Didn't survive drop tests	Display glass effected when buttons pushed hard		
		Annoying and loud power off beeper	The damn thing just failed and played up all the time. Unable to complete tests	Reset button, WTF?		