



Southwire™

TOOLS & EQUIPMENT



2018 METER SELECTION GUIDE

CAT IV MULTIMETERS



Family	MaintenancePRO™	TechnicianPRO™			Compact Series	
Model #	15190T	14090T	14070T	14060S	16020N	16030A
Safety Rating	CAT IV 600V, CAT III 1000V	CAT IV 600V, CAT III 1000V	CAT IV 600V, CAT III 1000V	CAT IV 600V, CAT III 1000V	CAT IV 600V	CAT IV 600V
AC/DC Voltage	1000V	1000V	1000V	1000V	600V	600V
AC/DC Current	10A	10A	10A	10A	200mA	
True RMS	X	X	X			X
Low Z		X	X			
Bluetooth®	X	X				
Backlighting Display=D Controls=C	D	C,D	C,D	C,D	D	D
Waterproof IP67		X	X	X		X
Work Light		X	X	X	X	
MAX/MIN/AVG	MAX/MIN/AVG	MAX/MIN/AVG	MAX/MIN/AVG	MAX/MIN		
Temperature	X	X	X	X		
Built-In NCV*					100V - 600V	100V - 600V
Resistance	50MΩ	60MΩ	60MΩ	60MΩ	40MΩ	40MΩ
Diode Test	X	X	X	X	X	
Capacitance	5000μF	6000μF	6000μF	4000μF	100μF	
Frequency	10MHz	10kHz	10kHz	10kHz	10kHz	
Duty Cycle	X	X	X	X	X	
Peak Hold	X	X	X			
Drop Protection		2m	2m	2m	2m	2m

*All Southwire multimeters, clamp meters, and NCV's are UL listed



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CAT III MULTIMETERS



Family	ResidentialPRO™			Compact Series	General Purpose	
Model #	13090T	13070T	13050S	16040T	10041N	10031S
Safety Rating	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 300V, CAT II 600V
AC/DC Voltage	600V	600V	600V	600V	600V	600V
AC/DC Current	10A	10A	10A	10A	10A	10A (DC Only)
True RMS	X	X		X		
Low Z	X	X				
Bluetooth®	X			X		
Backlighting Display=D Controls=C	D	D	D	D	D	
Waterproof IP67	X	X	X			
Work Light	X	X	X	X		
MAX/MIN/AVG	MAX/MIN	MAX/MIN	MAX/MIN	MAX/MIN		
Temperature	X	X	X		X	
Built-In NCV*					50V to 600V	
Resistance	40MΩ	40MΩ	40MΩ	40MΩ	40MΩ	2.0MΩ
Diode Test	X	X	X	X	X	
Capacitance	1000μF	4000μF	4000μF	4000μF	100μF	
Frequency	10MHz	10MHz	10MHz	10KHz	10MHz	
Duty Cycle	X	X	X	X	X	
Drop Protection	2m	2m	2m	2m	2m	2m

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CAT III CLAMP METERS



Model #	22070T	21550T	21530T	21510N
Safety Rating	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V
AC/DC Voltage	600V	600V	600V	600V
AC Current	1000A	400A	400A	400A
DC Current	1000A	400A		
True RMS	X	X	X	
Worklight		X	X	X
Backlit Display	X	X	X	X
Drop Protection	1.5m	2m	2m	2m
Display Count	6,000	4,000	4,000	4,000
Bar Graph	X			
MAX/MIN/AVG	MAX/MIN	MAX/MIN	MAX/MIN	
Temperature	X	X	X	X
Built-in NCV*	100-600V AC	50-600V AC	50-600V AC	50-600V AC
Resistance	60M Ω	40M Ω	40M Ω	40M Ω
Continuity	X	X	X	X
Diode Test	X	X	X	X
Capacitance	4000 μ F	1000 μ F	1000 μ F	1000 μ F
Frequency	10MHz	10MHz	10MHz	10MHz
Duty Cycle	X			
Auto Power Off	X	X	X	X

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CAT IV CLAMP METERS



Model #	23090T	23070T	23030T
Safety Rating	CAT IV 600V, CAT III 1000V	CAT IV 600V, CAT III 1000V	CAT IV 600V, CAT III 1000V
AC/DC Voltage	1000V	1000V	1000V
AC Current	1000A	1000A	1000A
DC Current	1000A	1000A	
True RMS	X	X	X
Bluetooth®	X		
Worklight	X	X	X
Backlit Display	X	X	X
Drop Protection	1.5m	1.5m	1.5m
Display Count	50,000	6,000	6,000
Bar Graph	X	X	X
MAX/MIN/AVG	MAX/MIN	MAX/MIN	MAX/MIN
Temperature	X	X	X
Built-in NCV*	110-1000V AC	100-1000V AC	100-1000V AC
Resistance	50MΩ	60MΩ	60MΩ
Continuity	X	X	X
Diode Test	X	X	X
Capacitance	5mF	6000μF	6000μF
Frequency	10MHz	10MHz	10MHz
Duty Cycle	X	X	X
Inrush	X		

CAT IV NON-CONTACT VOLTAGE DETECTORS



Model #	40150N	40136N	40126N	40116N
Voltage Detection Range(s)	12-1000	50-600	24-600	100-600
	100-1000		100-600	
Safety Rating	CAT IV 1000	CAT IV 600	CAT IV 600	CAT IV 600
Forward Worklight	Yes	No	No	No
Rear Facing Light	Yes	Yes	Yes	Yes
On/Off Button	Yes	Yes	Yes	Yes
Low Batt Self Test	Yes	Yes	Yes	Yes
Auto Power Off	Yes	Yes	Yes	Yes
Silent Mode	Yes	Yes	No	No
Variable Flash & Beep Rate	Yes	Yes		
Ingress Protection	IP67			
Drop Protection	2m	1.5m	1.5m	1.5m

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