

XR Series Comparison Chart

Pick the new XR Series Meter that is right for you.



	30XR	33XR	34XR	37XR	38XR
Description	Multimeter with Non-Contact Voltage Detector	Field Service Multimeter, Manual Ranging	Field Service Multimeter, True RMS	Precision True RMS Multimeter Electronics	True RMS Industrial Multimeter
Measurement					
Voltage DC	600 V	1000 V	1000 V	1000 V	1000 V
Voltage AC	600 V Avg.	750 V Average	750 TRMS AC	750 TRMS AC	750 TRMS AC + DC
mV DC	•	•	•	•	•
mV AC	Average	Average	TRMS	TRMS	TRMS AC + DC
Basic DC Accuracy	1.0 %	0.7 %	0.5 %	0.1 %	0.25 %
DC Current, Fused	10 A	10 A	10 A	10 A	10 A
AC Current, Fused	10 A	10 A	10A TRMS	10A TRMS	10A TRMS
Resistance	20 MΩ	4 MΩ	40 MΩ	40 MΩ	40 MΩ
Continuity Beeper	•	•	•	•	•
Diode	•	•	•	•	•
Capacitance		4000 μF	4000 μF	400 μF	400 μF
Frequency		40 MHz	40 MHz	10 MHz	10 MHz
Temperature		1832 °F/1000 °C	1832 °F/1000 °C		2372 °F/1300 °C
Logic Test				TTL/CMOS 20MHz	
Inductance				40 H	
Duty Cycle			•	•	•
Non-Contact Voltage Detect	•				
Battery Test	1.5 V, 9 V				
Features					
Counts	2,000	4,000	4,000	10,000	10,000
Auto Range with Range Lock	Manual	Manual	•	•	•
Auto Power Off		•	•	•	•
Analog Bar Graph		•	•	•	•
BackLight		•	•	•	•
Min/Max	•	•	•	•	•
Average		•	•	•	•
Relative		•	•	•	•
Data Hold	•	•	•	•	•
Peak Hold		•	•	•	•
4-20 mA %				•	•
Optical RS-232				•	•
dBm				•	•
Low Battery Indicator	•	•	•	•	•
Battery and Fuse Door	•	•	•	•	•
Warranty	1 Year	1 Year	3 Years	3 Years	3 Years
Agency Approvals					
IEC 1010 CAT II	600 V	1000 V	1000 V	1000 V	
IEC 1010 CAT III	300 V	600 V	600 V	600 V	1000 V
IEC 1010 CAT IV					600 V
UL, cULus (or CSA)	•	•	•	•	•
Package Contents					
Magne-Grip™ Holster	•	•	•	•	•
Thermocouple + Temp Adapter		•	•	•	•
Test Leads	TL36	TL36	TL36	TL36	TL36
Threaded Alligator Clips		•	•	•	•
Software and Interface Cable					Optional
Battery (9V installed)	•	•	•	•	•