

Full-Featured, Full-Size XR Series Multimeters

Five meters custom designed for electronic, electrical, plant maintenance and HVAC applications.

38XR-A

True RMS with optical PC interface

Great for field troubleshooting in industrial, automation, process and plant environments.

- 10,000-count with high 0.25 % accuracy
- Bright blue backlight for dim environments
- Duty cycle, capacitance and frequency
- Magne-Grip™ holster with magnetic hanging strap
- 4-20 mA loop current with % readout
- Temperature to 1300 °C (2372 °F), type K thermocouple included
- True-rms ac + dc coupled for accurate measurements
- RS-232 data out for use with optional software, Model 38SW-A



37XR-A

True RMS with component and logic test

True RMS meter for electronics troubleshooting at the bench or job site. The highest accuracy meter in the XR series.

- Autoranging 10,000 count with 0.1 % accuracy for the most accurate measurements
- LCR functions: inductance, capacitance and resistance
- Frequency, duty cycle and logic test
- Bright blue backlight for dim environments
- Magne-Grip™ holster with magnetic hanging strap



34XR-A

True RMS with temperature and backlight

Designed for maintenance, repair and installation of electrical and electro-mechanical equipment. Ideal for contractors and field service technicians.

- True RMS for the most accurate measurements
- Extended 4000 µF capacitance range for motor run/start testing
- Bright blue backlight for dim environments
- Duty cycle, frequency and capacitance for complete measurement capability
- Temperature to 1000 °C (1832 °F) with a type K thermocouple included
- Magne-Grip™ holster with magnetic hanging strap
- Data hold, Min/Max and bargraph



33XR-A Manual ranging w/ temperature & capacitance

33XR-A gives the contractor and field service technician all the essential measurement functions they need in a rugged package.

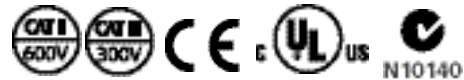
- Temperature, frequency & capacitance
- Extended 4000 μF capacitance range for motor run/start testing
- Magne-Grip™ holster with magnetic hanging strap
- Data hold, Peak Hold, Min/Max and REL



30XR-A Includes VolTect™, a built-in non-contact voltage tester

The 30XR-A has all the basic functions for automotive, residential and education applications.

- 9 functions, 30 ranges handles most measurement needs
- Magne-Grip™ holster with magnetic hanging strap frees both hands for work
- Battery/fuse door designed for easy accessibility
- Battery tester



FEATURES	30XR-A	33XR-A	34XR-A	37XR-A	38XR-A
DC Voltage	200.0mV, 2.000, 20.00, 200.0, 600V	400.0m, 4.000, 40.00, 400.0, 1000V		1000m, 10.00, 100.0, 1000V	
AC Voltage	200.0mV, 2.000, 20.00, 200.0, 600V	400.0m, 4.000, 40.00, 400.0, 750V		1000m, 10.00, 100.0, 750V	
DC Current	200.0 μ , 2.000m, 20.00m, 200.0m, 10A	400.0 μ , 4.000m, 40.00m, 300.0m, 10.00A		100.0 μ , 1000 μ , 10.00m, 100.0m, 400.0m, 10.00A	
AC Current	200.0 μ , 2.000m, 20.00m, 200.0m, 10A	400.0 μ , 4.000m, 40.00m, 300.0m, 10.00A		100.0 μ , 1000 μ , 10.00m, 100.0m, 400.0m, 10.00A	
Resistance	200.0 Ω , 2.000k, 20.00k, 200.0k, 2.000M, 20.00M Ω	400.0, 40.00k, 4.000M Ω	400.0, 4.000k, 40.00k, 400.0k, 4.000M, 40.00M Ω	1000.0, 10.000k, 100.00k, 1000.0k, 10.00M, 40.00M Ω	
Continuity	Yes				
Diode	Yes				
Non-contact voltage detect	Yes				N/A
Capacitance	N/A	4.000 μF , 40.00 μF , 400.0 μF , 4000 μF		40.00n, 400.0n, 4.000 μ , 40.00 μ , 400.0 μF	
Frequency	N/A	4.000k, 40.00k, 400.0k, 1MHz		100.00, 1.0000k, 10.000k, 100.00k, 1.0000M, 10.000MHz	
Temperature	N/A	1000 °C (1832 °F)	1000 °C (1832 °F)	N/A	1300 °C (2372 °F)
Duty cycle	N/A	N/A	0.0 to 90.0 %	0.00 to 90.00 %	
Logic test	N/A			Yes	N/A
Inductance	N/A			40 H	N/A
dBm	N/A			-13dBm to +50dBm	-13dBm to +50dBm
Battery test	1.5V, 9V	N/A			

Magne-Grip™ Holster with magnetic hanging strap

This holster protects the meter and provides the "third hand" DMM users need. A magnetic hanging strap secures the meter to a convenient steel surface, freeing both hands for work.



Optional RS-232 cable and software, 38SW-A

Real-time data acquisition software logs and displays data from all 38XR-A measurement functions.