

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 μ F 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



MULTIMETERS

FEATURES	30XR-A	33XR-A	34XR-A	37XR-A	38XR-A
DC Voltage	200.0m V, 2.000, 20.00, 200.0, 600 V	400.0m, 4.000, 40.00, 400.0, 1000 V		1000 m, 10.00, 100.0, 1000 V	
AC Voltage	200.0 mV, 2.000, 20.00, 200.0, 600 V	400.0 m, 4.000, 40.00, 400.0, 750 V		1000 m, 10.00, 100.0, 750 V	
DC Current	200.0 μ , 2.000 m, 20.00 m, 200.0 m, 10 A	400.0 μ , 4.000 m, 40.00 m, 300.0 m, 10.00 A		100.0 μ , 1000 μ , 10.00 m, 100.0 m, 400.0 m, 10.00 A	
AC Current	200.0 μ , 2.000 m, 20.00 m, 200.0 m, 10 A	400.0 μ , 4.000 m, 40.00 m, 300.0 m, 10.00 A		100.0 μ , 1000 μ , 10.00 m, 100.0 m, 400.0 m, 10.00 A	
Resistance	200.0 Ω , 2.000 k, 20.00 k, 200.0 k, 2.000 m, 20.00 m Ω	400.0, 40.00 k, 4.000 m Ω	400.0, 4.000 k, 40.00 k, 400.0 k, 4.000 m, 40.00 m Ω	1000.0, 10.000 k, 100.00 k, 1000.0 k, 10.00 m, 40.00 m Ω	
Continuity		Yes			
Diode		Yes			
Non-contact voltage detect	Yes	N/A			
Capacitance	N/A	4.000 μ F, 40.00 μ F, 400.0 μ F, 4000 μ F		40.00 n, 400.0 n, 4.000 μ , 40.00 μ , 400.0 μ F	
Frequency	N/A	4.000 k, 40.00 k, 400.0 k, 1 mHz		100.00, 1.0000 k, 10.000 k, 100.00 k, 1.0000 m, 10.000 mHz	
Temperature	N/A	1000 $^{\circ}$ C (1832 $^{\circ}$ F)	1000 $^{\circ}$ C (1832 $^{\circ}$ F)	N/A	1300 $^{\circ}$ C (2372 $^{\circ}$ 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		-13 dBm to + 50 dBm	-13 dBm to + 50 dBm
Battery Test	1.5 V, 9 V	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.