

True RMS 20A Professional Multimeter | SMM198



Advanced

SMM198 hand-held industrial grade digital multimeter is highly reliable, safe and durable. It is designed with IP65 water and dust proof rating and 2-meter drop proof. Ideal for diagnostics of motor drives, factory equipment maintenance, electrical distribution etc.

The SMM198 multimeter features LoZ function providing the ability to identify wiring that is picking up a ghost voltage from a nearby electrical source such as electrical wiring running in the same conduit.

Specifications :

Auto/Manual Range	√	
True RMS	√	
Display Count	6000	
Bandwidth	1kHz	
Measurements		Accuracy
DC Voltage	600mV/6V/60V/600V/1000V	± (0.5%+3)
AC Voltage	600mV/6V/60V/600V/750V	± (0.7%+3)
LoZ ACV	600V	± (2.0%+3)
DC Current	600μA/6000μA/60mA/600mA/6A/20A	± (0.8%+3)
AC Current	600μA/6000μA/60mA/600mA/6A/20A	± (1.0%+3)
Resistance	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	± (0.8%+2)
Capacitance	6.000nF ~ 60.00mF	± (3%+5)
Frequency	60.00Hz ~ 40.00MHz	± (0.1%+4)
3-Phase Motor Sequence Test	80-600V	
Temperature °C	-40 ~ 1000°C	± (1.5%+4°C)
Temperature °F	-40 ~ 1832°F	± (2.0%+5°F)
AC Voltage Frequency Response	45 ~1kHz	
AC Current Frequency Response	45 ~1kHz	
Diode Test	3V	
Continuity Buzzer	√	
Working Temperature	0 °C ~40 °C	
2m Drop Proof	√	
Display		
MAX/MIN	√	
Function Selection	√	
Low Battery Indication	√	
Auto Power Off	√	
Flashlight	√	
Auto Backlight	√	
Other Features		
Environmental Rating	IP65	
Category Safety Ratings	CAT III 1000V CAT IV 600V	
General Characteristics		
Size (WHD)	195mm X 95mm X 58mm	
Weight	437 g	
LCD Size	66mm x 51mm	
Power Supply	9V 6F22 Carbon-Zinc or 6LR61 Alkaline Battery	
Standard Accessories	Test Probes, Battery, Carrying Bag, Point Type Temperature Probe	

Complies to:
UL61010-1
EN61010-2-030
EN61010-2-033
EN61010-031
EN61326-1



Features :

- LoZ voltage test, for ghost voltage measurement
- 20A current measurement (max 30 seconds)
- Motor phase sequence measurement with 2 probes
- ACV 750V 5kHz bandwidth
- Built in flashlight
- IP65 water & dust proof rating
- CAT III 1000V, CAT IV 600V



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Quality
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System

ISO 9001: 2015

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