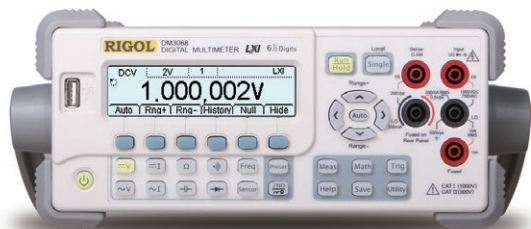


# Digital Multimeters



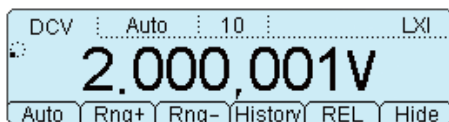
DM3000 series Digital multimeters (DM3068, DM3058, DM3058E) are the products designed with multi-functions, high-precision, high performance and automatic measurements, they are integrated with the features of high-speed data acquisition, high precision, high stability, support any type of sensors, complete interfaces.

They have complete interface such as RS-232, USB, LAN (LXI-C) and GPIB, they support the U disk storage. It's easy to be

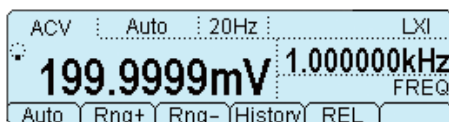
connected to the PC by the USB or LAN. They have been optimized for the production line automatic measurements with the PASS/FAIL control, unified power management, pre-programmed configurations, configuration setup cloning, fast measurement speed and noise immunity to improve the productivity. DM3000 series Digital multimeters are widely used in the areas of Research, Production line tests, Education, Quality Assurance, Service/ Maintenance, etc.

- 6 ½ (DM3068) or 5 ½ (DM3058/E) digits readings resolution
- Max. 10A Current Measurement Range
- Dual Measurements Display
- Support temperature sensors (TC, RTD and THERM) and user defined sensor
- Statistical analysis; Real-time Trend and Histogram display functions (DM3068)
- Abundant interfaces; Command compatible with main stream DMMs

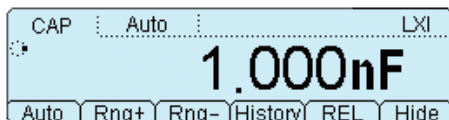
Real 6½ digits readings resolution (DM3068)



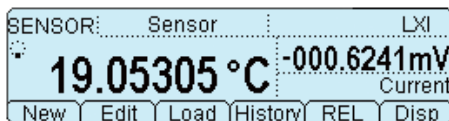
Easy to measure AC signal with double display



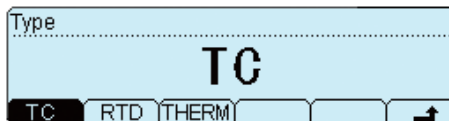
Standard Capacitor measurement function



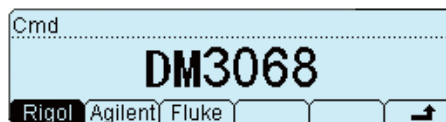
“Any sensor” function



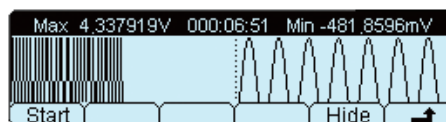
Support multiple temperature sensors



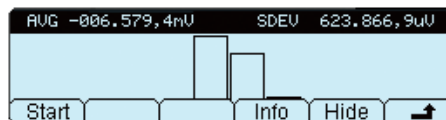
Support multiple commands



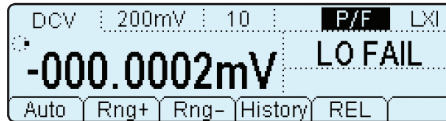
Trend display



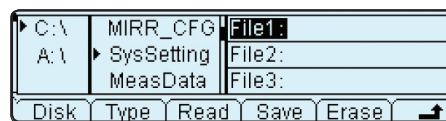
Histogram display



Pass/Fail test



Clone all configurations from one instrument to another



## Key Specifications

Function	Range	1Year Accuracy Specifications ± ( % of reading + % of range) (Tcal 23°C ±5°C )	
		DM3068	DM3058/E
DC Voltage	200.000mV ~ 1000.00V	0.0035 + 0.0006	0.015 + 0.003
DC Current	200.000uA ~ 10.0000A	0.030 + 0.003	0.055 + 0.005
AC Voltage (RMS)	200.000mV ~ 750.000V	0.06 + 0.04	0.2 + 0.05
AC Current (RMS)	200.0000uA ~ 10.00000A <sup>[1]</sup>	0.10 + 0.04	0.30+ 0.10
Resistance	200.000Ω ~ 100.000MΩ	0.010 + 0.001	0.020 + 0.003
Diode Test	2.000V/1mA	0.010 + 0.020	0.05 + 0.01
Continuity Test	2000.0Ω/1mA	0.010 + 0.020	0.05 + 0.01
Period/Frequency	3Hz-1MHz (200mV ~750V)	0.007	0.01+ 0.003
Capacitance	2.000nF ~ 100.0mF <sup>[2]</sup>	1 + 0.3	1+0.5
Max. Reading Speed		10000 rdgs /s	123 rdgs /s
Volatile Memory		512k readings of history records	2000 readings of history records
Remote Command		RIGOL, Agilent, FLUKE	

[1] DM3058/E ACI range: 20mA to 10A

[2] DM3058/E Cap range: 2nF to 10uF

## Ordering Information

	Description	Order Number
Models	DM3068: 6½ digits; standard interfaces: GPIB, LAN, USB, RS232	DM3068
	DM3058: 5½ digits; standard interfaces: GPIB, LAN, USB, RS232	DM3058
	DM3058E: 5½ digits; standard interfaces: USB, RS232	DM3058E
Standard Accessories	Two Test Leads (black and red)	LD-DM
	Two Alligator Clips (black and red)	ALLIGATORCLIP - DMM
	USB Cable	CB-USBA-USBB-FF-150
	Spare Fuses (DM3068: four; DM3058/E: two)	-
	Power Cord Conforming to the Standard of the Destination Country	-
	Quick Guide	-
Optional Accessories	Kelvin Test Clips	KELVINTESTCLIP - DMM
	RS232 cable	CB-DB9-DB9-F-F-150
	Rack Mount Kit	RM-DM3000