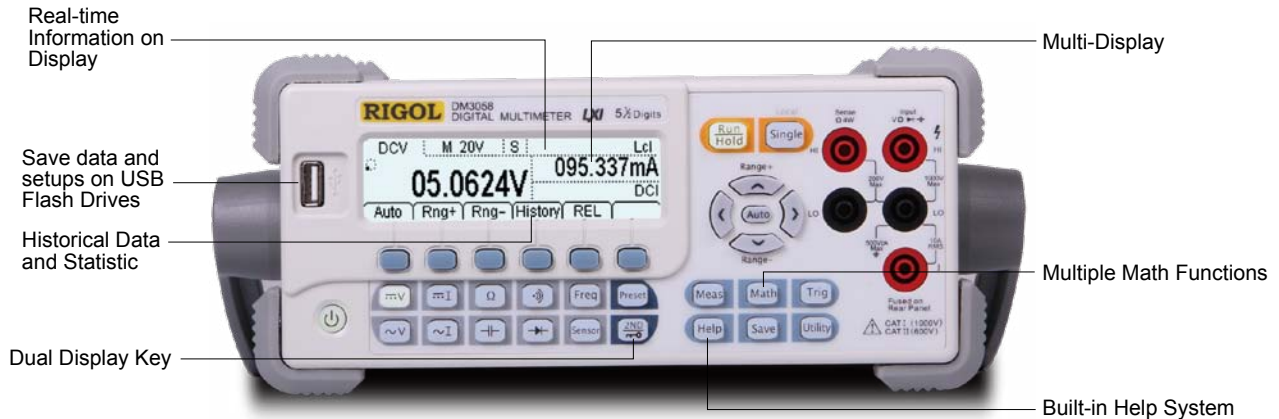




## DM3058 Digital Multimeter

*GP-IB, LXI, RS-232 and USB (Host and Device interfaces)  
 Fastest and the most accurate 5½ digit DVM in its class*



Product Dimension: Width×Height×Depth = 232mm×107mm×291mm Weight: 2.5 kg

### ► Application Areas

- Manufacturing Test
- Scientific research and Education
- Quality Test
- Maintenance
- Laboratory

### ► Features and Benefits

1. True 5½ digits resolution(240,000-count)
2. 123 rdgs/s Maximum Reading Speed
3. 0.015% accuracy of DC Voltage
4. Command compatibility: Replace mainstream DMM randomly via the compatibility of their command
5. Patented Any Sensor test capability
6. 256×64 pixels LCD display, to support multi-display and screen menu
7. Connectivity: GPIB, LAN(LXI Class C), RS-232, USB Host and USB Device

### ► Specifications

Measurement Function	Range	Frequency Range/Test Current	Accuracy: 1 Year ± (%of reading +%of range)
DC Voltage	200 mV ~ 1000 V		0.015 + 0.003
DC Current	200 uA ~ 10 A		0.055+0.005
AC Voltage (RMS)	200 mV ~ 750 V	20 Hz ~ 100 kHz	0.20 + 0.05
AC Current (RMS)	20 mA ~ 10 A	20 Hz ~ 10 kHz	0.30+0.10

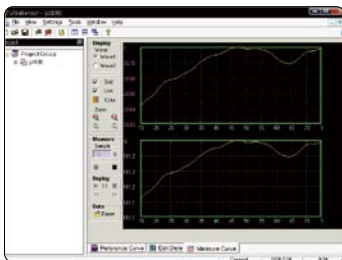
Measurement Function	Range	Frequency Range/Test Current	Accuracy:1 Year ± (%of reading +%of range)
Resistance (2-wire and 4-wire)	200 Ω ~ 100 MΩ		0.020 + 0.003
Capacitance	2 nF ~ 10000 uF		1 + 0.5
Diode	2.4 V	1 mA	0.05 + 0.01
Continuity	2 kΩ	1 mA	0.05 + 0.01
Frequency and Period	200 mV ~ 750 V	20 Hz ~ 1 MHz	0.01+0.003

Note: All the indicators are the typical value under standard test situation

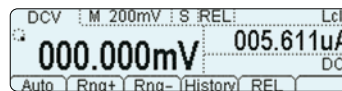
### ► Other Parameters

Measurement Function	DC Voltage, DC Current, AC Voltage (RMS), AC Current (RMS), Resistance (2-wire and 4-wire), Capacitance, Diodes, Frequency and Period, Continuity, Short Current, Any Sensor
Math	“Pass/Fail” Limit Test, Standard Deviation, Histogram, Relatively, Null, Max/Min/Avg, dBm, dB
Other Functions	Built-in 10 groups of configuration storage,10 groups of configuration storage of any sensor, 2048 historical reading data record and check, 10 groups of historical datum storage, Exterior trigger input and VMC output, Reading hold, Single trigger
Display Characteristic	Multi-display, Menu, Multi-language help and Waveform display
Safety	CAT I 1000 V/CAT II 600 V, Pollution level 2
Shock and Vibration	MIL-T-28800E, type III, class 5 (sine)
Power Supply	AC 100 V ~ 120 V 45 Hz ~ 440 Hz AC 200 V ~ 240 V 45 Hz ~ 66 Hz 20 VA Max

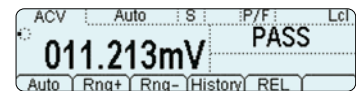
### ► Advanced Performance



Ultrasensor Software Interface



Pass / Fail



Multi-Display