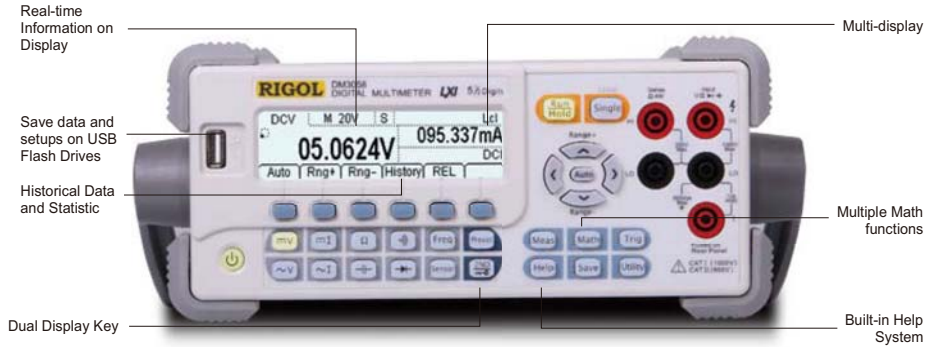


# DM3058 Digital Multimeter

True 5½ digits resolution  
120 rdgs/s Sample Rate  
0.015% DC Voltage Accuracy



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

## Application Areas

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

## Features and Benefits

1. True 5½ digits resolution (240,000-count)
2. 120 rdgs/s Maximum Sample Rate
3. Up to 0.015% accuracy of DC Voltage per year
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	200mV ~ 1000V		0.015+ 0.003
DC Current	200uA~10A		0.020+0.005
AC Voltage (RMS)	200mV~750V	20Hz~100kHz	0.20 + 0.05
AC Current (RMS)	20mA~10A	20Hz~10kHz	0.30+0.06
Resistance (2-wire and 4-wire)	200Ω~100MΩ		0.020+0.003

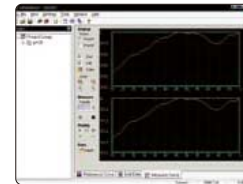
Measurement Function	Range	Frequency Range/Test Current	Accuracy:1 Year ± (%of reading +%of range)
Capacitance	2nF~10000uF		1.0+0.5
Diode	2.4V	1mA	0.05+0.01
Frequency and Period	200mV~750V 20mA~10A	10Hz~1MHz 10Hz~100kHz	0.01+0.003 0.01+0.003
Continuity	2KΩ	1mA	0.05+0.01

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 II 600V, CAT I 1000V, Pollution level 2
Shock and Vibration	MIL-T-28800, type III, class 5 (sine)
Power Supply	110/220V ±20%, 45-65Hz, 20VA Max

## Advanced Performance



Ultrasensor Software Interface



Pass / Fail



Multi-Display