

# KENWOOD

## Test and Measuring Instrument Product Information

### 5 1/2 Digit Digital Multimeter DL-2000 Series

120,000 counts, High resolution



#### **DL-2050**

Accuracy 0.012% at DCV

#### **DL-2050G**

With GP-IB function

#### **DL-2051**

Accuracy 0.02% at DCV

#### **DL-2051G**

With GP-IB function

- Maximum 120,000 counts.
- Two measurement values are displayed (e.g. AC voltage and frequency).
- Easy to see the display with Vacuum Fluorescent Display.
- Full remote control with **RS-232C** as standard and **GP-IB** by DL-2050G/2051G.
- Selectable 2 wire and 4 wire resistance measurements.
- True RMS measurements.
- 0.01Hz resolution in frequency measurements.
- Relative (REL) function to offset residual reading before measurements.
- Compare function to determine if above, below or within a designated range (Hi/Lo/Pass).
- MIN/MAX recording function to keep minimum and/or maximum measurement readings.
- Satisfying CE mark certification requirements.

# DL-2000 Series 5 1/2 Digit Digital Digital Multimeter

## Specifications

Model	DL-2050/2050G	DL-2051/2051G
Display	5 1/2 Dual with Vacuum Fluorescent Display	
Full scale	120,000 counts : Slow measuring rate 40,000 counts: Medium measuring rate 4,000 counts: Fast measuring rate	
DC Voltage	Range 120mV to 1,000V	
	Accuracy	0.012% + 5 counts *1      0.02% + 5 counts *1
	Resolution 1uV at 120mV range in Slow measuring rate	
AC Voltage	Range 120mV to 750V	
	Accuracy 0.2% + 100 counts *1      1.5% + 100 counts *1	
	Resolution 1uV at 120mV range in Slow measuring rate	
	Frequency 20Hz to 100kHz      40Hz to 30kHz	
DC Current	Range 12mA to 10A	
	Accuracy 0.05% + 5 counts *1      0.1% + 8 counts *1	
	Resolution 0.1uA at 12mV range in Slow measuring rate	
AC Current	Range 12mA to 10A	
	Accuracy 0.5% + 100 counts *1      1.5% + 200 counts *1	
	Resolution 0.1uA at 12mA range in Slow measuring rate	
	Frequency 20Hz to 10kHz      40Hz to 5kHz	
dBm	Accuracy 0.1dBm *1      0.6dBm *1	
	Resolution 0.01dBm	
Resistance	Range 120 ohm to 120M ohm	
	Accuracy 0.06% + 5 counts *1      0.1% + 5 counts *1	
	Resolution 1m ohm at 120 ohm range in Slow measuring rate	
Resistance by 4 wire	○	
Frequency	Range 1,200Hz to 1MHz	
	Accuracy 0.005% + 2 counts *1      0.01% + 3 counts	
	Resolution 0.01Hz at 1,200Hz range	
Diode check	○	
Continuity check	○	
True RMS	AC or AC + DC	
RS-232c	Standard	
GP-IB	DL-2050G only	DL-2051G only
Power source	AC 100/120/220/240 V ±10%, Approx.16AV	
Dimensions	255(W) x 105(H) x 305(D) mm (included protective holster)	
Weight	Approx. 3.0kg	
Accessories	Power code, Protective holster, Instruction manual, Test leads (Lantern type probe): TL-36	
Option	4 wire test cable set with Kelvin clippers: KC-01 RS-232C PC Link software and cable: S-DL10 Rack mount kit: OM-20E Cable (Banana plug – alligator clip, 1m): CA-48P Test leads (Lantern type probe): TL-36	

\*1. The value is changed for the reason that the condition of measuring rate, measuring range and frequency.

\*Specifications subject to change without notice.