

Auto Range D.M.M

DE-200A / DE-201A



DE-200A

DE-201A

FEATURES:

- Auto Range
- Auto Power Off Selection
- Data Hold
- Safety Standard:
EN61010-1 600V CATII,300V CAT III, Pollution Degree 2

SPECIFICATION:

- Display:3 1/2 Digits 2000 counts display
- Sampling Rate:approx. 3 times/sec.
- Battery : battery AAA (1.5V) x 2
- Battery Life : approx. 400 hours at DCV

TEMP. / HUMIDITY:

- Operation:0°C~50°C (32°F~122°F) Below 80% R.H.
(no condensation)
- Storage:-10°C~60°C (14°F~140°F) Below 70% R.H.
(no condensation)

MEASUREMENT RANGES: (23±5°C below 80% R.H. Max.)

*Accuracy: ± (%rdg+dgt)

Measurement	Range	Resolution	Accuracy	Input Resistance	Remarks
V (DCV)	200mV	0.1mV	0.7%+3	≥100MΩ	_____
	2V	0.001V		Approx.11MΩ	
	20V	0.01V	1.3%+3	Approx.10MΩ	
	200V	0.1V			
	600V	1V			

Measurement	Range	Resolution	Accuracy	Input Resistance	Remarks
V (ACV)	2V	0.001V	2.3%+5	Approx.11MΩ	■Accuracy in the case of sine wave ■Frequency range 40~500Hz
	20V	0.01V		Approx.10MΩ	
	200V	0.1V			
	600V	1V			

Measurement	Range	Resolution	Accuracy	Remarks
Ω	200Ω	0.1Ω	2%+5	■Open voltage : Approx. 0.4V ■The measuring current changes in accordance with the resistance measured.
	2kΩ	0.001kΩ		
	20kΩ	0.01kΩ		
	200kΩ	0.1kΩ	5%+5	
	2MΩ	0.001MΩ		
	20MΩ	0.01MΩ	10%+5	

Measurement	Range	Resolution	Accuracy	Remarks
→ (DIODE)	2V	0.001V	10%+5	■Open voltage : Approx. 1.5V

Measurement	Range	Resolution	Remarks
••• (BUZZER)	200Ω	0.1Ω	■Buzzer sounds at less than 100Ω and the open voltage is about 0.4V

Measurement	Range	Resolution	Accuracy	voltage drop	Max. Protection
ACμA	200μA	0.1μA	2.3%+10	AC20mV	0.5A/250V Fuse
	2000μA	1μA		AC200mV	
ACmA	20mA	0.01mA	2.3%+10	AC20mV	
	200mA	0.1mA		AC200mV	
AC10A	2A	0.001A	2.3%+10	AC20mV	15A/250V Fuse
	10A	0.01A		2.5%+20	

Measurement	Range	Resolution	Accuracy	voltage drop	Max. Protection
DCμA	200μA	0.1μA	2.3%+10	DC20mV	0.5A/250V Fuse
	2000μA	1μA		DC200mV	
DCmA	20mA	0.01mA	2.3%+10	DC20mV	
	200mA	0.1mA		DC200mV	
DC10A	2A	0.001A	2.3%+10	DC20mV	15A/250V Fuse
	10A	0.01A		2.5%+20	

Measurement	Range	Resolution	Measuring range	Remarks
NPN	2000	1	hFE value is under 1000	DE-201A is not equipped this function
PNP	2000	1	hFE value is under 1000	
LED				Only DE-200A

ACCESSORIES:

- Instruction Manual.....1
- Battery (AAA)1.5V.....2
- Test lead (red + black).....1
- Stand Rack.....1

DIMENSION & WEIGHT:

- Dimension:138(L) x 70(W) x 32(H)mm
(5.43"x2.75"x1.26")
- Weight: approx. 140 g(0.31lbs)