

Auto Range D.M.M

DE-2005 / DE-2006



DE-2005

DE-2006

FEATURES :

- Auto Hold
- Auto Power Off Selection
- Auto Range
- Capacitor To Zero (DE-2006)
- 4300 Counts Digital Display
(Capacitor Check : 2300 Counts,
Diode Test : 210 Counts.)
- Big Current Under Protection
- High Accuracy

SPECIFICATIONS:

- **Reading Rate** : Approx. 2 Times/Sec.
- **Range** : Automatic
- **Overload** : "OL" Display On LCD
- **Low Battery** : " " Symbol Display On LCD
- **Auto Power Off** : After 20 Minutes Approx.
- **Battery**:006P 9V x 1
- **Complies with Safety Standards**
EN61010-1 & EN61010-2-031 600V CAT. III
EN55011 Class B & EN50082-1

MEASUREMENT RANGES: (23°C±5°C, 80% R.H. MAX.)

*Accuracy : ±(%rdg + dgt) *N/A : not available Mean-value detection and rms-value calibration

Measurement	Range	Resolution	Accuracy (40~500Hz)		Input Resistance	Maximum Input Voltage
			DE-2005	DE-2006		
\tilde{V} (ACV)	4V	0.001V	1%+5		11MΩ, <50pF	600V rms
	40V	0.01V				
	400V	0.1V				
	600V	1V				

Measurement	Range	Resolution	Accuracy		Input Resistance	Maximum Input Voltage
			DE-2005	DE-2006		
\underline{V} (DCV)	400mV	0.1mV	0.5%+1	0.5%+1	>100MΩ	600V
	4V	0.001V			11MΩ	
	40V	0.01V	10MΩ			
	400V	0.1V				
600V	1V					

Measurement	Range	Resolution	Accuracy		Measuring Current	Input Resistance	Maximum Input Voltage
			DE-2005	DE-2006			
Ω	400Ω	0.1Ω	0.75%+2		<1mA	<3.4V	600V
	4KΩ	0.001KΩ			<0.5mA	<1.0V	
	40KΩ	0.01KΩ	0.75%+1		<70uA	<0.7V	
	400KΩ	0.1KΩ			<7uA		
	4MΩ	0.001MΩ	2%+1	<0.7uA			
	40MΩ	0.01MΩ	5%+2	<70nA			

Measurement	Range	Resolution	Accuracy		Open-Circuit Voltage	Maximum Input Voltage
			DE-2005	DE-2006		
\rightarrow	2V	0.01V	1%+1 (for measuring currents smaller than 1.0mA)		<3.4V	600V

Measurement	Range	Resolution	Accuracy		Open-Circuit Voltage	Maximum Input Voltage
			DE-2005	DE-2006		
$\bullet\text{ }$	400Ω	0.1Ω	The buzzer turns on for resistances lower than 50±25Ω.		<3.4V	600V

Measurement	Range	Resolution	Accuracy		Protection Fuse
			DE-2005	DE-2006	
+	20nF	0.01nF	N/A		500mA/250V FUSE
	200nF	0.1nF			
	2uF	0.001uF			
	20uF	0.01uF			
	200uF	0.1uF			

Measurement	Range	Resolution	Accuracy		Voltage Drop	Maximum Input Voltage
			DE-2005	DE-2006		
\underline{A} (DCA)	400uA	0.1uA	1%+2		<0.17mV/uA	400mA (0.5A/250V) FUSE
	4000uA	1uA				
	40mA	0.01mA			<3mV/mA	
	400mA	0.1mA			<0.04V/A	
A	10A	0.01A	2%+2		<0.04V/A	10A (15A/250V) FUSE

*11 to 20A for 30 seconds only.

Measurement	Range	Resolution	Accuracy		Voltage Drop	Maximum Input Current
			DE-2005	DE-2006		
\tilde{A} (ACA)	400uA	0.1uA	2%+20		<0.17mV/uA	400mA (500mA/250V) FUSE
	4000uA	1uA				
	40mA	0.01mA				
	400mA	0.1mA				
	A	10A				

*11 to 20A for 30 seconds only.

TEMP. / HUMIDITY:

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

DIMENSION & WEIGHT:

- 148(L) x 71(W) x 37(H)mm
(5.8"x2.8"x1.46")
- Approx. 220g (0.49 lbs.)
(Including Batteries)

ACCESSORIES:

- Test Leads (black + red)..... 1
- Battery R03 (AAA Size)..... 2
- Instruction Manual..... 1
- Rubber Holster + Stand Rack..... 1