

86B



86C



Model	86B	86C	86D	
	Resolution			Accuracy
DC Voltage	400mV/4V/40V/400V 1000V	400mV/4V/40V/400V 1000V	600mV/6V/60V/600V 1000V	±(0.5%+4) ±(1.0%+6)
DC millivolts	40mV/400mV	/	/	±(0.5%+5)
AC millivolts	40mV/400mV	/	/	±(1.0%+6)
AC voltage	4V/40V/400V 750V	4V/40V/400V 750V	6V/60V/600V 750V	±(0.8%+10) ±(1.0%+10)
DC current	400uA/4000uA/ 40mA/400mA	400uA/4000uA/ 40mA/400mA	600uA/6000uA/ 60mA/600mA	±(1.0%+10) ±(1.2%+10)
AC current	400uA/4000uA/ 40mA/400mA	400uA/4000uA/ 40mA/400mA	600uA/6000uA/ 60mA/600mA	±(1.5%+10) ±(2.0%+15)
Resistance	400Ω 40Ω/40kΩ/400kΩ/4MΩ	400Ω 4kΩ/40kΩ/400kΩ/4MΩ	600Ω 6kΩ/60kΩ/600kΩ/6MΩ	±(0.8%+5) ±(0.8%+4)
Capacitance	40nF 400nF/4uF/40uF 400uF/4mF/40mF	40nF 400nF/4uF/40uF 400uF/4mF/40mF	60nF 600nF/6uF/60uF 600uF/6mF/60mF	±(5.0%+30) ±(3.5%+8) ±(5.0%+10)
Frequency	10Hz/100Hz/1kHz/ 10kHz/100kHz/ 1MHz/30MHz	10Hz/100Hz/1kHz/ 10kHz/100kHz/ 1MHz/30MHz	10Hz/100Hz/1kHz/ 10kHz/100kHz/ 1MHz/30MHz	±(0.5%+4)
Temperature	-20°C~400°C 400°C~1000°C	-20°C~400°C 400°C~1000°C	-20°C~400°C 400°C~1000°C	±(1.0%+5°C) ±(1.5%+15°C)
General specifications				
Max Display	3999 (3 3/4)	3999 (3 3/4)	5999 (3 5/6)	
Simulated bar	/	/	61 segment simulation bar	
Transistor	/	/	/	
Diode			✓	
On/off buzzing			✓	
USB			✓	
Relative value			✓	
Max/min			✓	
Data retention			✓	
LIVE			✓	
NCV			✓	
Backlight	Display battery symbols			
Low voltage	Display "OL"			
Over range	Shutdown after about 15 minutes of inactivity			
Auto shutdown	3 times/second			
Sampling rate	0-40 °C, relative humidity<80%			
Work environment	-10-50 °C, relative humidity<80%			
Storage environment	Four AAA batteries			
Source	189*88*56mm			
Size	Approximately 423g			
Weight	Instruction manual, color box, certificate of conformity, pen, crocodile clip, cloth bag, USB data cable, K-type thermocouple, adapter (only 86D)			
Parts				

86D



86E **New Model**



Model	86E	
	Resolution	
DC Voltage	220mV/2.2V/22V/220V 1000V	±(0.5%+10) ±(0.1%+10)
AC voltage	220mV 2.2V/22V/220V 750V	±(1.0%+25) ±(0.8%+25) ±(1.0%+25)
DC current	220uA/2200uA/22mA 220mA 10A	±(0.5%+10) ±(0.8%+10) ±(2.0%+25)
AC current	220uA/2200uA/22mA 220mA 10A	±(1.2%+25) ±(1.5%+25) ±(2.5%+35)
Resistance	200Ω 2.2kΩ/22kΩ/220kΩ/2.2MΩ 22MΩ 220MΩ	±(0.5%+30) ±(0.4%+5) ±(0.5%+25) ±(5.0%+10)
Capacitance	22nF/220nF/2.2uF/22uF/220uF 2.2mF 22mF/220mF	±(2.5%+15) ±(4.0%+10)
Frequency	22Hz/220Hz/22kHz/220kHz/2.2MHz/22MHz 50MHz >50MHz	±(1.0%+4) ±(0.2%+4)
Temperature	-20°C~400°C 400°C~1000°C	±(1.0%+5°C) ±(1.5%+15°C)
General specifications		
Max Display	22000 (4 1/2)	
Simulated bar	46 segment simulation bar	
Diode	✓	
On/off buzzing	✓	
USB	✓	
Relative value	✓	
Max/min	✓	
Data retention	✓	
Backlight	✓	
Low voltage	Display battery symbols	
Over range	Display "OL"	
Auto shutdown	Shutdown after about 15 minutes of inactivity	
Sampling rate	2times/second	
Work environment	0-40 °C, relative humidity<80%	
Storage environment	-10-50 °C, relative humidity<80%	
Source	Four AAA batteries	
Size	189*88*56mm	
Weight	Approximately 423g	
Parts	Instruction manual, color box, certificate of conformity, pen, crocodile clip, cloth bag, USB data cable, K-type thermocouple	