

Digital Multimeters

Model: 86B 86C 86D 86E



Features

Model	86B	86C	86D	86E
Diode, continuity buzzer	√	√	√	√
LIVE wire test	√	√	√	---
Low battery indication	√	√	√	√
Data hold	√	√	√	√
Auto power off	√	√	√	√
Bar graph display	---	61 segments	61 segments	46 segments
Function protection	√	√	√	√
Transistor test	---	---	√	---
Backlit display	√	√	√	√
True RMS	√	√	√	√
Max/min, relative value	√	√	√	√
NCV (None contact voltage detection)	√	√	√	---
Shockproof protection	√	√	√	√
USB communication	√	√	√	√
Overload indication	OL	OL	OL	OL
Duty cycle measurement	0.1%~99.9%	0.1%~99.9%	0.1%~99.9%	5.0%~94.9%
Input impedance	10MΩ	10MΩ	10MΩ	10MΩ
Sampling rate	3 times/s	3 times/s	3 times/s	2 times/s
AC Frequency response	(40-400) Hz	(40-400) Hz	(40-400) Hz	(40-400) Hz
Operation way	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
Max. display	3999(3 3/4)	3999(3 3/4)	5999(3 5/6)	22000(4 1/2)
LCD Size	70×50mm	70×50mm	70×50mm	70×50mm

Specifications

Model	Range	86B	86C	86D	86E
DC V	40mV/400mV/4V/40V/400V/1000V	$\pm (0.5\%+4)$	- - -	- - -	- - -
	400mV/4V/40V/400V/1000V	- - -	$\pm (0.5\%+4)$	- - -	- - -
	600mV/6V/60V/600V/1000V	- - -	- - -	$\pm (0.5\%+4)$	- - -
	220mV/2.2V/22V/220V/1000V	- - -	- - -	- - -	$\pm (0.05\%+10)$
AC V	40mV/400mV/4V/40V/400V/750V	$\pm (0.8\%+10)$	- - -	- - -	- - -
	4V/40V/400V/750V	- - -	$\pm (0.8\%+10)$	- - -	- - -
	6V/60V/600V/750V	- - -	- - -	$\pm (0.8\%+10)$	- - -
	220mV/2.2V/22V/220V/750V	- - -	- - -	- - -	$\pm (0.8\%+25)$
DC A	400uA/4000uA /40mA/400mA/4A/10A	$\pm (1.0\%+10)$	$\pm (1.0\%+10)$	- - -	- - -
	600uA/6000uA /60mA/600mA/6A/10A	- - -	- - -	$\pm (1.0\%+10)$	- - -
	220uA/2200uA/22mA/220mA/10A	- - -	- - -	- - -	$\pm (0.5\%+10)$
AC A	400uA/4000uA /40mA/400mA/4A/10A	$\pm (2.0\%+15)$	$\pm (2.0\%+15)$	- - - - -	- - -
	600uA/6000uA /60mA/600mA/6A/10A	- - -	- - -	$\pm (2.0\%+15)$	- - - - -
	220uA/2200uA/22mA/220mA/10A	- - -	- - -	- - -	$\pm (1.5\%+25)$
Resistance	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ	$\pm (0.8\%+4)$	$\pm (0.8\%+4)$	- - -	- - -
	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	- - -	- - -	$\pm (0.8\%+4)$	- - -
	220Ω/22kΩ/220kΩ/2.2MΩ/22MΩ/220MΩ	- - -	- - -	- - -	$\pm (0.5\%+10)$
Capacitance	40nF/400nF/4uF/40uF/400uF/4mF/40mF	$\pm (3.5\%+8)$	$\pm (3.5\%+8)$	- - -	- - -
	60nF/600nF/6uF/60uF/600uF/6mF/60mF	- - -	- - -	$\pm (3.5\%+8)$	- - -
	22nF/220nF/2.2uF/22uF/220uF/2.2mF/22mF/220mF	- - -	- - -	- - -	$\pm (2.5\%+15)$
Frequency	10Hz/100Hz/1kHz/10kHz/100kHz/1MHz/30MHz	$\pm (0.5\%+4)$	$\pm (0.5\%+4)$	$\pm (0.5\%+4)$	- - -
	22Hz/220Hz/22kHz/220kHz/2.2MHz/22MHz/50MHz	- - -	- - -	- - -	$\pm (0.2\%+4)$
Temperature	-20 ~ 1000°C / -4 ~ 1832°F	$\pm (1.0\% + 5)$	$\pm (1.0\%+5)$	$\pm (1.0\%+50)$	$\pm (1.0\%+5)$

General Information

Model	86B	86C	86D	86E
Power Supply	AAA,1.5V *4	AAA,1.5V *4	AAA,1.5V *4	AAA,1.5V *4
Product weight	423g			
Product size	189mm x88mm x 56mm			
Standard accessories	Manual, test leads, temperature probe, USB cable, Transistor test accessory (only for 86D)			