

Digital Multimeters

Model: 86B 86C 86D 86E



Features

| Model | 86B | 86C | 86D | 86E |
|----------------------------|-------------|-------------|-------------|-------------|
| Diode test | √ | √ | √ | √ |
| Continuity buzzer | √ | √ | √ | √ |
| Low battery indication | √ | √ | √ | √ |
| Data hold | √ | √ | √ | √ |
| Auto power off | √ | √ | √ | √ |
| Bar graph display | √ | √ | √ | √ |
| Function protection | √ | √ | √ | √ |
| Transistor test | --- | --- | √ | --- |
| Backlit display | √ | √ | √ | √ |
| True RMS | √ | √ | √ | √ |
| Max/min value | √ | √ | √ | √ |
| Relative Value measurement | √ | √ | √ | √ |
| 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 | 3 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 | 3999 | 5999 | 22000 |
| LCD Size | 70×50mm | 70×50mm | 70×50mm | 70×50mm |

Specifications

| Model | Range | 86B | 86C | 86D | 86E |
|-------------|--|-------------|------------|------------|-------------|
| DC V | 400mV/4V/40V/400V/1000V | ±(0.5%+4) | ±(0.5%+4) | --- | --- |
| | 600mV/6V/60V/600V/1000V | --- | --- | ±(0.5%+4) | --- |
| | 220mV/2.2V/22V/220V/1000V | --- | --- | --- | ±(0.05%+10) |
| AC V | 400mV/4V/40V/400V/750V | ±(0.8%+10) | ±(0.8%+10) | --- | --- |
| | 6V/60V/600V/750V | --- | --- | ±(0.8%+10) | --- |
| | 220mV/2.2V/22V/220V/750V | --- | --- | --- | ±(0.8%+25) |
| DC A | 400uA/4000uA /40mA/400mA/4A/10A | ±(1.0%+10) | ±(1.0%+10) | --- | --- |
| | 600uA/6000uA /60mA/600mA/6A/10A | --- | --- | ±(1.0%+10) | --- |
| | 220uA/2200uA/22mA/220mA/10A | --- | --- | --- | ±(0.5%+10) |
| AC A | 400uA/4000uA /40mA/400mA/4A/10A | ±(1.5%+10) | ±(1.5%+10) | ----- | --- |
| | 600uA/6000uA /60mA/600mA/6A/10A | --- | --- | ±(1.5%+10) | ----- |
| | 220uA/2200uA/22mA/220mA/10A | --- | --- | --- | ±(1.2%+25) |
| Resistance | 400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ | ±(0.8%+4) | ±(0.8%+4) | --- | --- |
| | 600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ | --- | --- | ±(0.8%+4) | --- |
| | 220Ω/2.2kΩ/22kΩ/220kΩ/2.2MΩ/22MΩ/220MΩ | --- | --- | --- | ±(0.4%+5) |
| Capacitance | 50nF/500nF/5uF/50uF/100uF | ±(3.0%+10) | --- | --- | --- |
| | 40nF/400nF/4uF/40uF/200uF | --- | ±(3.5%+8) | ±(3.5%+8) | --- |
| | 22nF/220nF/2.2uF/22uF/220uF/2.2mF/22mF/220mF | --- | --- | --- | ±(2.5%+15) |
| Frequency | 4Hz/40Hz/400Hz/4kHz/40kHz/400kHz/4MHz/30MHz | ±(0.5%+4) | --- | --- | --- |
| | 100Hz/1000Hz/10kHz/100kHz/1MHz/30MHz | --- | ±(0.5%+4) | ±(0.5%+4) | --- |
| | 22.00Hz/220.0Hz/22.000kHz/220.00kHz/2.2000MHz/22.000MHz/50.00MHz | --- | --- | --- | ±(0.2%+4) |
| Temperature | -20 ~ 1000°C / -4 ~ 1832°F | ±(1.0% + 5) | ±(1.0%+5) | ±(1.0%+50) | ±(1.0%+5) |

General Information

| Model | 86B | 86C | 86D | 86E |
|----------------------|---|-------------|-------------|------------|
| Power Supply | AAA,1.5V *2 | AAA,1.5V *2 | AAA,1.5V *2 | 6F22,9V,*1 |
| Product weight | 390g | | | |
| Product size | 192mm x 95mm x 48mm | | | |
| Standard accessories | Manual, pouch, test leads, temperature probe, batteries, USB cable, software CD, Transistor test accessory (only for 86D) | | | |