

### VICTOR 86 Series Digital Multimeter



3 3/4 VICTOR 86B



3 3/4 VICTOR 86C

### VICTOR 86 Series Digital Multimeter



3 5/8 VICTOR 86D



4 1/2 VICTOR 86E

### Technical data

Basic Function	Range	Basic accuracy			
		VICTOR86B	VICTOR86C	VICTOR86D	VICTOR86E
DC Voltage	400mV/4V/40V/400V/1000V	±(0.5%+4)	±(0.5%+4)	±(0.5%+4)	±(0.5%+4)
	600mV/6V/60V/600V/1000V				±(0.05%+8d)
	220mV/2.2V/22V/220V				±(0.1%+10d)
AC Voltage	1000V				
	400mV/4V/40V/400V/750V	±(0.8%+10)	±(0.8%+10)	±(0.8%+10)	
	6V/60V/600V/750V				
	220mV				±(0.5%+25d)
DC Current	2.2V/22V/220V				±(0.5%+5d)
	750V				±(1.0%+25d)
	400uA/4000uA/40mA/400mA/4A/10A	±(1.0%+10)	±(1.0%+10)	±(1.0%+10)	
	600uA/6000uA/60mA/600mA/10A				±(0.5%+4d)
AC Current	200uA/2000uA/20mA				±(0.8%+6d)
	10A				±(2%+15d)
	400uA/4000uA/40mA/400mA/4A/10A	±(1.5%+10)	±(1.5%+10)	±(1.5%+10)	
	600uA/6000uA/60mA/600mA/10A				±(0.8%+15d)
Resistance	200uA/2000uA/20mA				±(1.5%+25d)
	10A				±(2.5%+35d)
	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ	±(0.8%+4)	±(0.8%+4)	±(0.8%+4)	
	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ				±(0.5%+30d)
Capacitance	220Ω				±(0.4%+5d)
	2.2kΩ/22kΩ/220kΩ/2.2MΩ				±(0.5%+25d)
	22MΩ				±(5%+10d)
	50nF/500nF/5uF/50uF/100uF	±(3.5%+8)	±(3.5%+8)	±(3.5%+8)	
Frequency	40nF/400nF/4uF/40uF/200uF				
	40nF/400nF/4uF/40uF/100uF				±(2.5%+30d)
	22nF/220nF/2.2uF/22uF/220uF				±(5.0%+50d)
	2.2mF/22mF				±(7.0%+50d)
Temperature	220mF				
	4Hz/40Hz/400Hz/4kHz/40kHz/400kHz/4MHz/30MHz	±(0.5%+4)	±(0.5%+4)	±(0.5%+4)	
	10Hz/100Hz/1kHz/10kHz/100kHz/1MHz/30MHz				±(0.1%+4d)
	100Hz/1kHz/10kHz/100kHz/1MHz/30MHz				±(0.2%+4d)
Celsius	22Hz/220Hz/22kHz/220kHz/2.2MHz/22MHz				
	70MHz				
Celsius	(-20 ~ 1000)°C	±(1.0%+5°C)	±(1.0%+5°C)	±(1.0%+5°C)	
	-20~400°C				±(1.0%+5°C)
Celsius	≥400~1000°C				±(1.5%+15°C)
	(0~1832)°F	±(1.5%+15°F)	±(1.5%+15°F)	±(1.5%+15°F)	
Celsius	-4~752°F				±(1.2%+6°F)
	≥752~1832°F				±(1.9%+25°F)

- New type holster, streamline design
- USB interface can connect to computer ,Large LCD analog bar graph display、Unit symbol display、make the reading clearly, display.
- Metallic screen board with strong antimagnetic and anti-interferential function
- Auto power off and alarm when stopped used after 15 minutes.
- Full function protection, anti-high voltage circuit design

### Technical data

Special Function	VICTOR86B	VICTOR86C	VICTOR86D	VICTOR86E
Diode test	✓	✓	✓	✓
Transistor test			✓	✓
Continuity buzzer	✓	✓	✓	✓
Low battery indication	✓	✓	✓	✓
Data hold	✓	✓	✓	✓
Auto power off	✓	✓	✓	✓
Bar graph display		41segment(30time/s)	61segment(30time/s)	46segment(20time/s)
RS232 interface jack	✓	✓	✓	✓
Max./Min	✓	✓	✓	✓
Function protection	✓	✓	✓	✓
Shockproof protection	✓	✓	✓	✓
Frequency /duty cycle	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	Manual range/Auto range	Manual range/Auto range	Manual range/Auto range	Manual range/Auto range
Max. Display	3999	3999	5999	22000
LCD Size	70×50mm	70×50mm	70×50mm	70×50mm
Power	3V (1.5V×2)	3V (1.5V×2)	3V (1.5V×2)	3V (1.5V×2)

### General Characters

Product color	Case: dark gray; Holster color:yellow
Product Net Weight	Approx.350g (including battery)
Product dimension	191×93×48mm
Standard Accessories	Test leads; battery; instruction manual TP01 temperature probe;(86C Transistor test accessory)
Standard inner packing	Color box
Carton size	465×375×506mm
Standard Quantity Per Carton	30PCS
Standard Gross Weight	Approx. 26kg