

## PROFESSIONAL DIGITAL MULTIMETER

VC97

### FEATURES

- New type holster, streamline design
- Large LCD makes the reading clearly
- Strong antimagnetic and anti-jamming performance
- Auto power off within 30 minutes
- Full function protection; anti high voltage circuit design (voltage dependent resistor:1300V)
- Unit symbol display, very easy to reading
- Self discharge when capacitance measuring
- Max. measuring range of capacitance:200uF
- Max. measuring range of frequency:30MHz
- Relative value, frequency / duty cycle measuring, data hold
- Peak value hold
- Frequency automatic ranging



### SPECIFICATIONS

Basic function	Range	Basic accuracy
DCV	400mV/4V/40V/400V/1000V	±(0.5%+4)
ACV	4V/40V/400V/1000V	±(0.8%+6)
DCA	400uA/4000uA/40mA/400mA/20A	±(1.0%+5)
ACA	400uA/4000uA/40mA/400mA/20A	±(1.5%+5)
Resistance	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ	±(0.8%+1)
Capacitance	4nF/40nF/ 400nF/4μF/40μF/200μF	±(3.5%+8)
Frequency	100Hz/1kHz/10kHz/100kHz/1MHz/30MHz	±(0.5%+4)
Temperature	-40°C~1000°C (can be converted to F)	±(0.8%+4)

Special function	VC97
Diode test	√
hFE test	√
Continuity test	Approx. less than 30Ω±10Ω
Low battery indication	Approx less than 2.4V
Duty cycle measuring	√
Data hold	√
Auto power off	Approx.15minutes
Protection function	√
Input impedance	10MΩ
Sampling rate	3 times/s
AC frequency response	40-400Hz
Operation method	Manual or auto ranging
Max. display	4000
LCD size	65x41mm
Battery	3V AAAx2
Power dissipation	Quiescent current approx. 2mA

### GENERAL

Color	Body: dark grey Holster: orange
Weight	290g (including battery)
Size	185x93x35mm
Standard accessories	Test leads, battery, manual, TP01 temperature probe



Subject to change without notice.