VC87 True RMS multimeter for motor drives

Features:

1. True RMS ACV and ACA for accurate measurements on nonlinear signals;
2. Accurate measurement of voltage and frequency on motor drive;
3. 12 kinds of measuring function, with VSD, diode, hFE, duty cycle, resistance, continuity, etc.
4. Analog display, manual or auto range;
5. Strong antimagnetic and anti-jamming performance. Full function protection, with anti high voltage circuit design;
6. Large LCD display, white backlight, unit symbol display, very easy to read;
7. Relative value, Max/Min value measuring, data hold.

Technical data:

Basic function	Range	Accuracy
DCV	600mV/6V/60V/600V/1000V	±(0.5%+4)
ACV	6V/60/600/1000V	±(0.8%+10)
DCA	600uA/6000uA/60mA/600mA/6A/20A	±(0.8%+3)
ACA	600uA/6000uA/60mA/600mA/6A/20A	±(1.0%+20)
Resistance	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	±(0.8%+5)
Capacitance	40nF/ 400nF/4uF/40uF/400uF/2000uF	±(3.5%+8)
Frequency	100Hz/1kHz/10kHz/100kHz/1MHz/60MHz	±(0.5%+4)
Centigrade temperature	-40℃～1000℃	±(0.75%+3)
	0℉～1832℉	±(1.2%+3)

Special function	VC87
VSD	√
True RMS	√
Diode test	√
hFE test	√
Continuity test	Approx. less than 30Ω±10Ω
Low battery indication	Approx less than 5V
Duty cycle measuring	√
Data hold	√
Auto power off	Approx.15minutes
Analog bar	√
Backlight display	√
Function protection	√
Input impendence	10MΩ
Sampling rate	3times/s
AC frequency response	40-10KHz
Operation method	Manual or auto range
Max. display	6000
LCD size	65x41mm
Battery	9V(6F22)
Power dissipation	Quiescent current approx. 3mA

General characteristic

Color	Body: dark grey, holster: yellow or orange
Weight	290g（including battery）
Meter size	185×93×35mm
Standard accessory	Test leads, battery, manual, TP01 temperature probe，Crocodile clip
Packing	Gift box
Standard packing per carton	30pcs
Carton size	43.5×29.5×40.5cm
Standard G.W per carton	16.5kg