

# A5020 4000 COUNTS T-RMS DMM

## General Feature

- Display: 3 3/4 digit (4000 Counts)
- CE CAT III 1000V
- Manual/Auto-Range
- Data Hold, MAX/MIN, Hz/%, Backlight
- Auto power off ( 15 MIN )
- Over Range indication
- Low battery indication
- Frequency up to 10MHz
- Capacitance up to 1000 $\mu$ F
- Temperature measurement
- Power supply:1.5V battery (AA)\*2
- Product dimension: 165\*85\*38mm



## Specification

Function	Range	Resolution	Best Accuracy	Overload protection
DCV	400mV	0.1mV	$\pm(0.5\%+3d)$	1000VDC/ 750VAC
	4/40/400/1000V	1 mV	$\pm(0.8\%+3d)$	
ACV	4V	1mV	$\pm(0.8\%+3d)$ 50-60Hz $\pm(2.0\%+3d)$ 40-1KHz	

	40/400/750V	0.01V	±(1.2%+3d) 50-60Hz ±(2.0%+3d) 40-1KHz	
DCA	400/4000μA 40/400mA	0.1μA	±(1.2%+3d)	0.5A FUSE
	4A/20A	0.001A	±(2.5%+3d)	20A FUSE
ACA	400/4000μA 40/400mA	0.1μA	±(1.5%+5d) 40-1KHz	0.5A FUSE
	4A/20A	0.01A	±(3.0%+5d) 40-1KHz	20A FUSE
Resistance	400/4k/40k/400kΩ	0.1Ω	±(1.2%+3d)	600V DC/ACRMS
	4M/40MΩ	1 kΩ	±(3.0%+5d)	
Frequency	9.999/99.99/9.999K/99.99K/ 999.9K /9.999MHz	0.001Hz	±(0.3%+3d) 3VRMS	
DUTY	10%~90%	0.1%	±(0.3%+3d) 5VRMS	
CAP	9.999nF	0.001nF	±(4.0%+40d)	
	99.99nF	0.01 nF	±(3.0%+5d)	
	999.9n /9.999μ /99.99μ/999.9uF	0.1 nF	±(3.0%+5d)	
Temp.	-20~1000°C	1°C	-20°C ~400°C ±(1.0%rdg+5d) 401°C ~1000°C ±(3.0%rdg+5d)	
	-4~1832°F	1°F	-4°F ~650°F ±(1.0%rdg+5d) 651°F ~1832°F ±(3.0%rdg+5d)	
Diode	Open voltage: 3.2V			
Continuity	Buzzer sound at less than about 40±10Ω			