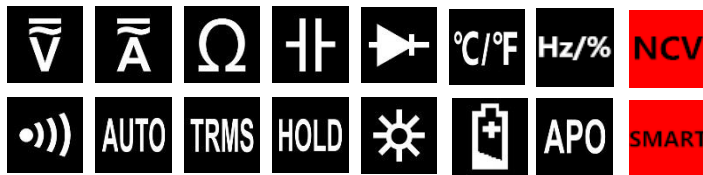


# ZM1002A

# Smart Digital Multimeter



**6000 Counts**



### Standard Accessories

1. 2 x Battery
2. 2 x Test lead
3. 1 x Standard user manual
4. 1 x Drawstring pouch
5. 1 x Thermocouple probe

Specifications	Range	Accuracy
DC Voltage	60.00mV/600.0mV/6.000V/60.00V/600.0V/1000V	±(0.5%+3)
AC Voltage	60.00mV/600.0mV/6.000V/60.00V/600.0V/750V	±(1.0%+3)
DC Current	60.00mA/600.0mA/6.000A/10.00A	±(1.2%+3)
AC Current	60.00mA/600.0mA/6.000A/10.00A	±(1.5%+3)
Resistance	600.0Ω/6.000kΩ/60.00kΩ/600.0kΩ/6.000MΩ	±(0.5%+3)
	60.00MΩ	±(1.5%+3)
Capacitance	9.999nF	±(5.0%+20)
	99.99nF/999.9nF/9.999μF/99.99μF/999.9μF	±(2.0%+5)
	9.999mF/99.99mF	±(5.0%+5)
Frequency	99.99Hz/999.9Hz/9.999kHz/99.99kHz/	±(0.1%+2)
	999.9kHz/9.999MHz	
Duty Cycle	1%-99%	±(0.1%+2)
Temperature	-20°C~1000°C/-4°F~1832°F	±(2.5%+5)
Diode/Continuity	●/●	
NCV	●	

### Features

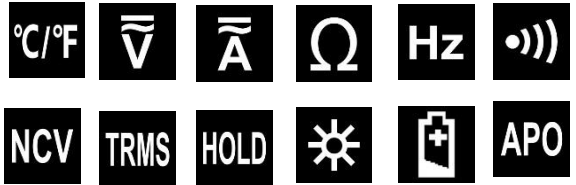
Auto ranging	True RMS	Data hold
Backlight	Low battery alert	Auto power off
Smart mode		

### General

Power Supply	2 x 1.5V AAA Battery
Dimension	130*65*32mm
Weight	114g

# ZM-A600

# Smart Digital Multimeter



**6000 Counts**



### Standard Accessories

1. 2 x Battery
2. 2 x Test lead
3. 1 x Standard user manual
4. 1 x Thermocouple probe

Specifications	Range	Accuracy
DC voltage	6.000V/60.00V/600.0V	±(0.5%+3)
AC voltage	6.000V/60.00V/600.0V	±(1.0%+3)
DC current	999.9mA/9.999A	±(1.0%+4)
AC current	999.9mA/9.999A	±(2.0%+3)
Resistance	600.0Ω/6.000kΩ	±(1.5%+3)
	60.00kΩ/600.0kΩ/6.000MΩ	±(0.5%+3)
	60.00MΩ	±(1.5%+3)
Capacitance	6.000nF	±(5.0%+20)
	60.00nF/600.0nF/6.000μF/60.00μF/600.0μF/6.000mF	±(3.5%+4)
	60.00mF	±(5.0%+5)
Frequency	6.000Hz/60.00Hz/600.0Hz/6.000kHz/60.00kHz/600.0kHz/6.000MHz/10.00MHz	±(1%+2)
Temperature	-30~1000° C (-22~1832° F)	
Continuity/diode	● / ●	
NCV	●	

### Features

Auto Range	True-RMS	Data Hold
Backlight	Low Power Alarm	Auto Power Off
Smart Mode	REL	

### General

Battery type	2* AAA battery
Size	130*65*29mm
Weight	130g

# ZC-B100

# Smart Clamp Meter



**4000 Counts**

### Standard Accessories

1. 2 x Battery
2. 2 x Test lead
3. 1 x Standard user manual
4. 1 x Black soft case
5. 1 x Wrist strap



Specifications	Range	Accuracy
DC Voltage	4.000V/40.00V/400.0V/600.0V	$\pm (0.5\%+3)$
AC Voltage	4.000V/40.00V/400.0V/600.0V	$\pm (1.0\%+3)$
AC Current	4.000A/40.00A/400.0A/600.0A	$\pm (2.0\%+30)$
Resistance	4.000k $\Omega$	$\pm (1.5\%+3)$
	40.00k $\Omega$ /400.0k $\Omega$ /4.000M $\Omega$	$\pm (0.5\%+3)$
	40.00M $\Omega$	$\pm (1.5\%+3)$
Frequency	4.000Hz/40.00Hz/400.0Hz/4kHz/40kHz/100kHz	$\pm (0.5\%+5)$
Continuity	●	
NCV	●	

Features		
Auto ranging	True RMS	Data hold
Backlight/Flashlight	Low battery alert	Auto power off
Inrush current	Peak Hold	
General		
Power Supply	2 x 1.5V AAA Battery	
Dimension	172*64*32mm	
Weight	161g	

# ZC-B400

# Smart Clamp Meter



**4000 Counts**

**Standard Accessories**

1. 2 x Battery
2. 2 x Test lead
3. 1 x Standard user manual
4. 1 x Black soft case
5. 1 x Thermocouple probe
6. 1 x Wrist strap



Specifications	Range	Accuracy
DC Voltage	4.000V/40.00V/400.0V/600.0V	±(0.5%+3)
AC Voltage	4.000V/40.00V/400.0V/600.0V	±(1.0%+3)
AC Current	4.000A/40.00A/400.0A/600.0A	±(2.0%+30)
Resistance	4.000kΩ	±(1.5%+3)
	40.00kΩ/400.0kΩ/4.000MΩ	±(0.5%+3)
	40.00MΩ	±(1.5%+3)
Capacitance	4.000nF	±(5.0%+20)
	40.00nF/400.0nF/4.000μF/40.00μF/400.0μF	±(2.0%+5)
	4.000mF	±(5.0%+5)
Frequency	4.000Hz/40.00Hz/400.0Hz/4kHz/40kHz/400kHz/1MHz	±(0.5%+5)
Temperature	-30°C~1000°C/-22°F~1832°F	
Diode/Continuity	●/●	
NCV	●	
<b>Features</b>		
Auto ranging	True RMS	Data hold
Backlight/Flashlight	Low battery alert	Auto power off
Inrush current	Peak Hold	Smart mode
<b>General</b>		
Power Supply	2 x 1.5V AAA Battery	
Dimension	172*64*32mm	
Weight	161g	

# ZC-B900

# Smart Clamp Meter



**6000 Counts**

- Standard Accessories**
1. 2 x Battery
  2. 2 x Test leads
  3. 1 x Standard user manual
  4. 1 x Black soft case
  5. 1 x Thermocouple probe

Specifications	Range	Accuracy
DC Voltage	6.000V/60.00V/600.0V	±(0.5%+3)
AC Voltage	6.000V/60.00V/600.0V	±(1.0%+3)
DC Current	60.00A/600.0A	±(2.0%+30)
AC Current	60.00A/600.0A	±(2.0%+30)
Resistance	6.000kΩ	±(1.5%+3)
	60.00kΩ/600.0kΩ/6.000MΩ	±(0.5%+3)
	60.00MΩ	±(1.5%+3)
Capacitance	6.000nF	±(5.0%+20)
	60.00nF/600.0nF/6.000μF/60.00μF/600.0μF	±(2.0%+5)
	6mF/60.000mF	±(5.0%+5)
Frequency	6.000Hz/60.00Hz/600.0Hz/6kHz/60kHz/600kHz/6MHz/10MHz	±(0.5%+5)
Temperature	-30°C~1000°C/-22°F~1832°F	
Diode/Continuity	●/●	

Features		
Auto ranging	True RMS	Data hold
Backlight/Flashlight	Low battery alert	Auto power off
Inrush current	Peak Hold	Smart mode
DC & AC current test		

General	
Power Supply	2 x 1.5V AAA Battery
Dimension	172*64*32mm
Weight	161g

# VC97A+ TRMS Digital Multimeter



MAX  
MIN

6000 Counts

### Standard Accessories

1. 2 x Battery
2. 2 x Test lead
3. 1 x Standard user manual
4. 1 x Thermocouple probe



Specifications	Range	Accuracy
DC Voltage	60.00mV/600.0mV/6.000V/60.00V/600.0V/1000V	±(0.5%+3)
AC Voltage	60.00mV/600.0mV/6.000V/60.00V/600.0V/750V	±(1.0%+3)
DC Current	600.0μA/6000μA/60.00mA/600.0mA/6.000A/20.00A	±(1.2%+3)
AC Current	600.0μA/6000μA/60.00mA/600.0mA/6.000A/20.00A	±(1.5%+3)
Resistance	600.0Ω/6.000kΩ/60.00kΩ/600.0kΩ/6.000MΩ	±(0.5%+3)
	60.00MΩ	±(1.5%+3)
Capacitance	9.999nF	±(5.0%+20)
	99.99nF/999.9nF/9.999μF/99.99μF/999.9μF	±(2.0%+5)
	9.999mF	±(5.0%+5)
Frequency	99.99Hz/999.9Hz/9.999kHz/99.99kHz/ 999.9kHz/9.999MHz	±(0.1%+2)
Duty Cycle	1%-99%	±(0.1%+2)
Temperature	-20°C~1000°C/-4°F~1832°F	±(2.5%+5)
Diode/Continuity	●/●	

### Features

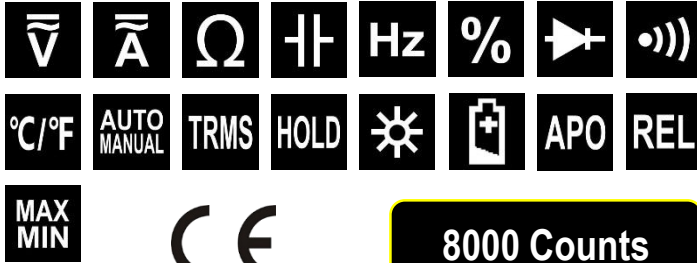
Auto/Manual ranging	True RMS	Data hold
Backlight	Low battery alert	Auto power off
Relative measurement	Max/Min	

### General

Power Supply	2 x 1.5V AA Battery
Dimension	180*90*45mm
Weight	319g

# ZM3001

# Digital Multimeter



**8000 Counts**

- Standard Accessories**
1. 2 x Battery
  2. 2 x Test lead
  3. 1 x Standard user manual
  4. 1 x Drawstring pouch
  5. 1 x Thermocouple probe



Specifications	Range	Accuracy
DC Voltage	80.00mV/800.0mV/8.000V/80.00V/800.0V/1000V	±(0.5%+3)
AC Voltage	80.00mV/800.0mV/8.000V/80.00V/750.0V	±(1.0%+3)
DC Current	800.0µA/8000µA/80.00mA/800.0mA/8.000A/10.00A	±(1.2%+3)
AC Current	800.0µA/8000µA/80.00mA/800.0mA/8.000A/10.00A	±(1.5%+3)
Resistance	800.0Ω/8.000kΩ/80.00kΩ/800.0kΩ/8.000MΩ	±(0.5%+3)
	80.00MΩ	±(1.5%+3)
Capacitance	9.999nF	±(5.0%+20)
	99.99nF/999.9nF/9.999µF/99.99µF/999.9µF	±(2.0%+5)
	9.999mF	±(5.0%+5)
Frequency	99.99Hz/999.9Hz/9.999kHz/99.99kHz/ 999.9kHz/9.999MHz	±(0.1%+2)
Duty Cycle	1%-99%	±(0.1%+2)
Temperature	-20°C~1000°C/-4°F~1832°F	±(2.5%+5)
Diode/Continuity	●/●	

Features		
Auto/Manual ranging	True RMS	Data hold
Backlight	Low battery alert	Auto power off
Relative measurement	Max/Min	

General	
Power Supply	2 x 1.5V AA Battery
Dimension	161*81*39mm
Weight	198g

# ZM3003

# Digital Multimeter



**19999 Counts**

**Standard Accessories**

1. 2 x Battery
2. 2 x Test lead
3. 1 x Standard user manual
4. 1 x Drawstring pouch



Specifications	Range	Accuracy
DC Voltage	19.999mV/199.99mV/1.9999V/19.999V/199.99V/1000V	±(0.05%+3)
AC Voltage	19.999mV/199.99mV/1.9999V/19.999V/199.99V/750V	±(0.3%+3)
DC Current	199.99µA/1999.9µA 19.999mA/199.99mA/1.9999A/10.000A	±(0.5%+3)
AC Current	199.99µA/1999.9µA 19.999mA/199.99mA/1.9999A/10.000A	±(0.8%+3)
Resistance	199.99Ω	±(0.5%+3)
	1.9999kΩ/19.999kΩ/199.99kΩ	±(0.2%+3)
	1.9999MΩ/19.999MΩ	±(1.0%+3)
	199.99MΩ	±(2.5%+5)
Capacitance	9.999nF	±(5.0%+20)
	99.99nF/999.9nF/9.999µF/99.99µF/999.9µF	±(2.0%+5)
	9.999mF	±(5.0%+5)
Frequency	99.99Hz/999.9Hz/9.999kHz/99.99kHz/ 999.9kHz/9.999MHz	±(0.1%+2)
Duty Cycle	1%-99%	±(0.1%+2)
Diode/Continuity	●/●	
NCV	●	

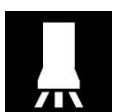
Features		
Auto/Manual ranging	True RMS	Data hold
Backlight	Low battery alert	Auto power off
Relative measurement	Max/Min	

General	
Power Supply	2 x 1.5V AA Battery
Dimension	161*81*39mm
Weight	198g



# ZM-S100

# Smart Digital Multimeter



**4000 Counts  
Smart Multimeter**

### Standard Accessories

1. 2 x Battery
2. 2 x Test lead
3. 1 x Standard user manual

Specifications	Range	Accuracy
DC Voltage	4.000V/40.00V/400.0V/600V	±(0.5%+3)
AC Voltage	4.000V/40.00V/400.0V/600V	±(1.0%+3)
DC Current	999.9mA	±(1.0%+4)
	9.999A	±(1.0%+4)
AC Current	999.9mA	±(2.0%+3)
	9.999A	±(2.0%+3)
Resistance	4.000kΩ	±(1.5%+3)
	40.00kΩ/400.0kΩ/4.000MΩ	±(0.5%+3)
	40.00MΩ	±(1.5%+3)
Continuity	●	
NCV	●	

### Features

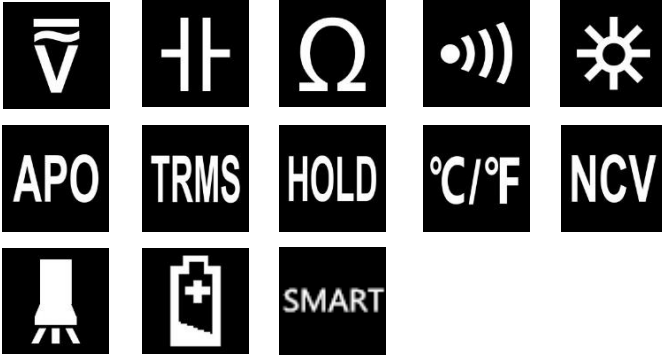
Auto ranging	True RMS	Data hold
Backlight/Flashlight	Low battery alert	Auto power off
Smart mode		

### General

Power Supply	2 x 1.5V AAA Battery
Dimension	120x61x28mm
Weight	117g

# ZM-S400

# Smart Digital Multimeter



**4000 Counts  
Smart Multimeter**



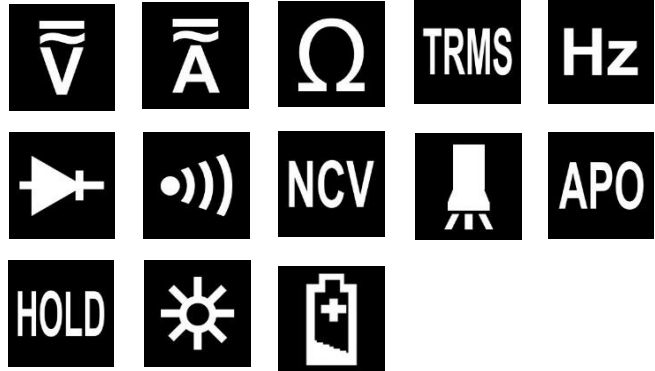
Specifications	Range	Accuracy
DC Voltage	4.000V/40.00V/400.0V/600V	$\pm(0.5\%+3)$
AC Voltage	4.000V/40.00V/400.0V/600V	$\pm(1.0\%+3)$
DC Current	999.9mA	$\pm(1.0\%+4)$
	9.999A	$\pm(1.0\%+4)$
AC Current	999.9mA	$\pm(2.0\%+3)$
	9.999A	$\pm(2.0\%+3)$
Resistance	4.000k $\Omega$	$\pm(1.5\%+3)$
	40.00k $\Omega$ /400.0k $\Omega$ /4.000M $\Omega$	$\pm(1.0\%+3)$
	40.00M $\Omega$	$\pm(1.5\%+3)$
Capacitance	4.000nF	$\pm(5.0\%+20)$
	40.00nF/400.0nF/4.000 $\mu$ F/40.00 $\mu$ F/400.0 $\mu$ F	$\pm(3.5\%+4)$
	4mF	$\pm(5.0\%+5)$
Frequency	4.000Hz/40.00Hz/400.0Hz/4.000kHz/40.00kHz/400.0kHz/4.000MHz/10.00MHz	$\pm(1\%+2)$
Temperature	-30°C-1000°C (-22°F-1832°F)	
Diode/Continuity	●/●	
NCV	●	

Features		
Auto ranging	True RMS	Data hold
Backlight/Flashlight	Low battery alert	Auto power off
Smart mode		

General	
Power Supply	2 x 1.5V AAA Battery
Dimension	120x61x28mm
Weight	117g

# ZM-C100

# Digital Multimeter



4000 Counts

Specifications	Range	Accuracy
DC Voltage	40.00mV/400.0mV	
	4.000V/40.00V/400.0V/600V	±(0.5%+3)
AC Voltage	40.00mV/400.0mV	
	4.000V/40.00V/400.0V/600V	±(1.0%+3)
DC Current	4.000A	±(1.2%+3)
	10.00A	±(1.2%+3)
AC Current	4.000A	±(1.5%+3)
	10.00A	±(1.5%+3)
Resistance	4.000kΩ	±(0.8%+3)
	40.00kΩ/400.0kΩ/4.000MΩ	±(0.8%+3)
	40.00MΩ	±(1.5%+3)
Frequency	4.000Hz/40.00Hz/400.0Hz/4.000kHz/40.00kHz/ 400.0kHz/3.000MHz	±(1%+2)
Continuity/Diode	●/●	
NCV	●	

## Features

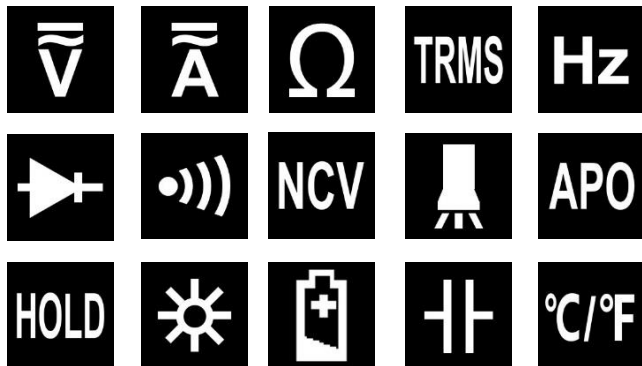
Auto ranging	True RMS	Data hold
Backlight/Flashlight	Low battery alert	Auto power off

## General

Power Supply	2 x 1.5V AAA Battery
Dimension	120x61x28mm
Weight	117g

# ZM-C400

# Digital Multimeter



**4000 Counts**



Specifications	Range	Accuracy
DC Voltage	40.00mV/400.0mV	±(0.5%+3)
	4.000V/40.00V/400.0V/600V	
AC Voltage	40.00mV/400.0mV	±(1.0%+3)
	4.000V/40.00V/400.0V/600V	
DC Current	4.000A	±(1.2%+3)
	10.00A	±(1.2%+3)
AC Current	4.000A	±(1.5%+3)
	10.00A	±(1.5%+3)
Resistance	4.000kΩ	±(0.5%+3)
	40.00kΩ/400.0kΩ/4.000MΩ	±(0.5%+3)
	40.00MΩ	±(1.5%+3)
Frequency	4.000Hz/40.00Hz/400.0Hz/4.000kHz/40.00kHz/ 400.0kHz/3.000MHz	±(1%+2)
Capacitance	4.000nF	±(5.0%+20)
	40.00nF/400.0nF/4.000μF/40.00μF/200.0μF/400μF	±(3.5%+4)
	4mF	±(5.0%+5)
Temperature	-30°C-1000°C (-22°F-1832°F)	
Continuity/Diode	●/●	
NCV	●	
<b>Features</b>		
Auto ranging	True RMS	Data hold
Backlight/Flashlight	Low battery alert	Auto power off
<b>General</b>		
Power Supply	2 x 1.5V AAA Battery	
Dimension	120x61x28mm	
Weight	117g	

# ZC2018

# Clamp Meter



**6000 Counts**



- Standard Accessories**
1. 2 x Battery
  2. 2 x Test lead
  3. 1 x Standard user manual
  4. 1 x Thermocouple probe
  5. 1 x Black soft case

Specifications	Range	Accuracy
DC Voltage	600.0mV/6.000V/60.00V/600.0V/1000V	±(0.5%+3)
AC Voltage	600.0mV/6.000V/60.00V/600.0V/750V	±(1.0%+3)
DC Current	600.0μA/6000μA	±(1.2%+3)
AC Current	600.0μA/6000μA 600.0A/1000A	±(1.5%+3) ±(2.0%+30)
Resistance	600.0Ω/6.000kΩ/60.00kΩ/600.0kΩ/6.000MΩ 60.00MΩ	±(0.5%+3) ±(1.5%+3)
Capacitance	9.999nF 99.99nF/999.9nF/9.999μF/99.99μF/999.9μF 9.999mF	±(5.0%+20) ±(2.0%+5) ±(5.0%+5)
Frequency	99.99Hz/999.9Hz/9.999kHz/99.99kHz/ 999.9kHz/9.999MHz	±(0.1%+2)
Duty Cycle	1%-99%	±(0.1%+2)
Temperature	-20°C~1000°C/-4°F~1832°F	±(2.5%+5)
Diode/Continuity	●/●	

### Features

Auto/Manual ranging	True RMS	Data hold
Backlight	Low battery alert	Auto power off

### General

Power Supply	2 x 1.5V AA Battery
Dimension	240*90*45mm
Weight	323g

# ZC2020

# Clamp Meter



**6000 Counts**

- Standard Accessories**
- 1 x Battery
  - 2 x Test lead
  - 1 x Standard user manual
  - 1 x Thermocouple probe
  - 1 x Black soft case



Specifications	Range	Accuracy
DC Voltage	600.0mV/6.000V/60.00V/600.0V/1000V	±(0.5%+3)
AC Voltage	600.0mV/6.000V/60.00V/600.0V/750V	±(1.0%+3)
DC Current	600.0μA/6000μA	±(1.2%+3)
	600.0A/1200A	±(2.0%+30)
AC Current	600.0μA/6000μA	±(1.5%+3)
	600.0A/1200A	±(2.0%+30)
Resistance	600.0Ω/6.000kΩ/60.00kΩ/600.0kΩ/6.000MΩ	±(0.5%+3)
	60.00MΩ	±(1.5%+3)
Capacitance	9.999nF	±(5.0%+20)
	99.99nF/999.9nF/9.999μF/99.99μF/999.9μF	±(2.0%+5)
	9.999mF	±(5.0%+5)
Frequency	99.99Hz/999.9Hz/9.999kHz/99.99kHz/	±(0.1%+2)
	999.9kHz/9.999MHz	
Duty Cycle	1%-99%	±(0.1%+2)
Temperature	-20°C~1000°C/-4°F~1832°F	±(2.5%+5)
Diode/Continuity	●/●	

Features		
Auto/Manual ranging	True RMS	Data hold
Backlight	Low battery alert	Auto power off

General	
Power Supply	1 x 9V 6F22 Battery
Dimension	240*90*45mm
Weight	288g