Smart Digital Multimeter
Model:M167

Description:
This multifunctional tool features the function of multimeter, electrical test pen and flashlight. With backlight LCD screen for easy reading and compact for easy carry, it can be widely used in electrical testing, automotive repairing, and more household/ industrial electrical problems.

Features:
- **[Multifunction Multimeter]** Digital multimeter with 2 measuring pens is easy to use, and can be widely used in electrical testing, automotive repairing, and more household/ industrial electrical problems.
- **[Auto Identification Measurement]** High accuracy, wide measuring, 4000 counts, automatic recognition. It can test AC voltage, DC voltage, AC current, DC current, resistance and live wire.
- **[NCV Induction]** Bring the NCV part close to the measured object, when a nearby AC voltage is detected, the red LED light will flash and an alarm buzzer will sound to indicate.
- **[Backlight LCD Screen & Flashlight]** Clear LCD screen with backlight greatly enhances the reading experience. Flashlight to illuminate the measured object without fear of dark environments.
- **[Battery Operated & Compact Size]** Powered by 2 AAA batteries (not included), auto shutdown to save power. Ergonomic design and compact size, portable and lightweight to carry.

Note:
1. Please read the user manual carefully before use.
2. Size and color may be slightly different due to manual measurement and different light conditions. Thanks for understanding.

Specifications:

Function parameters (model: M167)

Function	Range	Resolution	Accuracy
AC voltage	0~600V	0.001V~1V	±(0.5%+3d)
DC voltage	0~600V	0.001V~1V	±(1.0%+3d)
AC current	0~3.999A	0.1mA~0.001A	±(2.5%+10d)
DC current	0~3.999A	0.1mA~0.001A	±(2.0%+10d)
resistance	0~40.00MΩ	0.001kΩ~0.1MΩ	±(1.5%+3d)
flashlight	√	On-off beep	√
NCV induction	√	Live detection	√
Auto shut-down	√	Data retention	√
battery model	AAA*2	net weight	76.4g
product material	ABS	Test lead material	PVC/Brass
Max display	4000 counts	Line length	70cm/27.5in
Product Size	123 *58.7 * 27.7mm / 4.84 * 2.31 * 1.09in		

Packaging List:

1*Smart Digital Multimeter
2*Measuring Pen
1*User Manual (English)
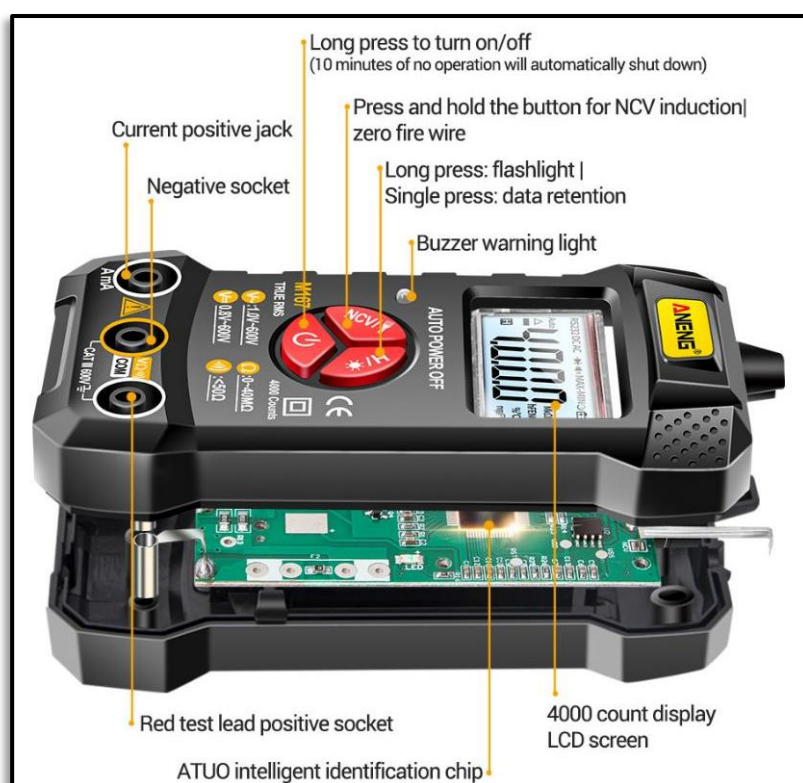
Intelligent anti-burn
Auto recognition of meter

AUTO intelligent automatic identification measurement
No need to change gears to get the measured value in seconds

ANENG

RS232 DC AC ◄))◄ MAX-MIN⊘ ⊞

Auto
△
H

MkΩHz
hFENCV
%°C°F
ngpFVA

AUTO POWER OFF

NCV⅄   HI

⊙

M167

TRUE RMS

CE

4000 Counts

V~ :1.0V~600V   Ω :0~40MΩ

V̄ 0.8V~600V   ◄)) :<50Ω

COM

Automatic Identification
Smart, safe and secure

⊙ ⊙ ⊙

AUTO Auto Identification	**Live** Zero line of fire	**NCV** Power sensing	⏻ Auto shut-down
Ω resistance	**V~** AC voltage	**V⎓** DC voltage	▭ flashlight
•))) On-off beep	**A~** AC current	**A⎓** DCcurrent	**H** Data retention

Panel layering analysis

Long press to turn on/off
(10 minutes of no operation will automatically shut down)

Press and hold the button for NCV induction|
zero fire wire

Current positive jack

Long press: flashlight |
Single press: data retention

Negative socket

Buzzer warning light

A 10A

TRUE RMS   M167

1.0V~600V

0~40MΩ

CAT III 600V   COM

<50Ω

NCV⅄

⊙   HI

4000 Counts

CE

AUTO POWER OFF

ANENG

RS232 DC AC ◄))◄ MAX-MIN⊘ ⊞

Red test lead positive socket

4000 count display
LCD screen

ATUO intelligent identification chip

Functional test
Automatic Identification

● ● ●

AC voltage measurement

If the test leads are crossed, there is a buzzer alarm LED light is on, it means the core is normal; if there is no buzzer, it means the wire core is disconnected.

On-off buzzer detection

DC voltage measurement

Resistance measurement

AC current measurement

DC current measurement

Zero line discrimination

The screen shows EF, the LED light is not flashing and there is no alarm buzzer

Fire line discrimination

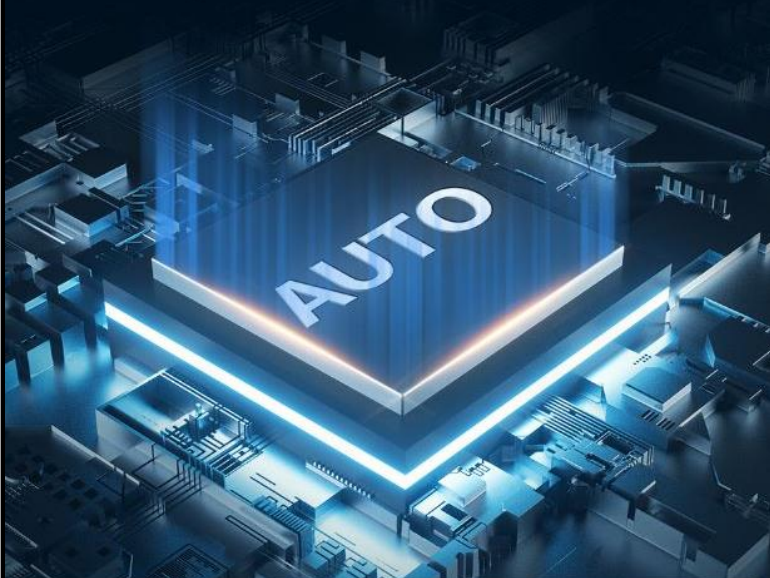The screen EF will display "—" LED red light flashes and an alarm buzzer will sound

NCV power sensing

Intelligent Recognition
AUTO one-key measurement

Intelligent recognition function, no need to change one second measurement

Test lead measurement

Intelligent Recognition

Data in seconds

Easy to carry
and store

Comfortable and smooth lines, practically ergonomic Make measurement easier

LED lighting
High-power lighting

◉

Flashlight lighting, use flashlight lighting in a dark environment You can see the surrounding routes clearly

58.7mm / 2.31in   27.7mm / 1.09in

123mm / 4.84in

Product Acessories

● ● ●

Multimeter | Test Lead Wire | Manual | Color Box Packaging

DIGITAL MULTIMETER

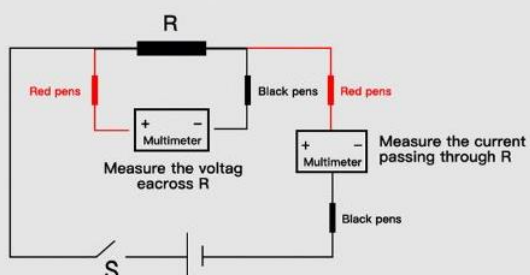DIGITAL MULTIMETER

Precautions for use
Matters needing attention

Please note the way the current is measured:

⚠ Multimeter measure the current
Must be measured in series to the circuit

R

Red pens   Black pens   Red pens

+ Multimeter −

Measure the voltag eacross R

+ Multimeter −

Measure the current passing through R

Black pens

S

Multimeter measuring electric current method, must pay attention to the most important, don't put the measure method and measure the voltage current mixed, use multimeter current file, choose appropriate range, if they don't know the current value can choose bigger size range, prevent the multimeter displays "1" range, and then insert the red pen mA hole, black pens and insert COM holes. Then put the circuit disconnect part, will be red and black pens and series to measuring circuit.

Made in China