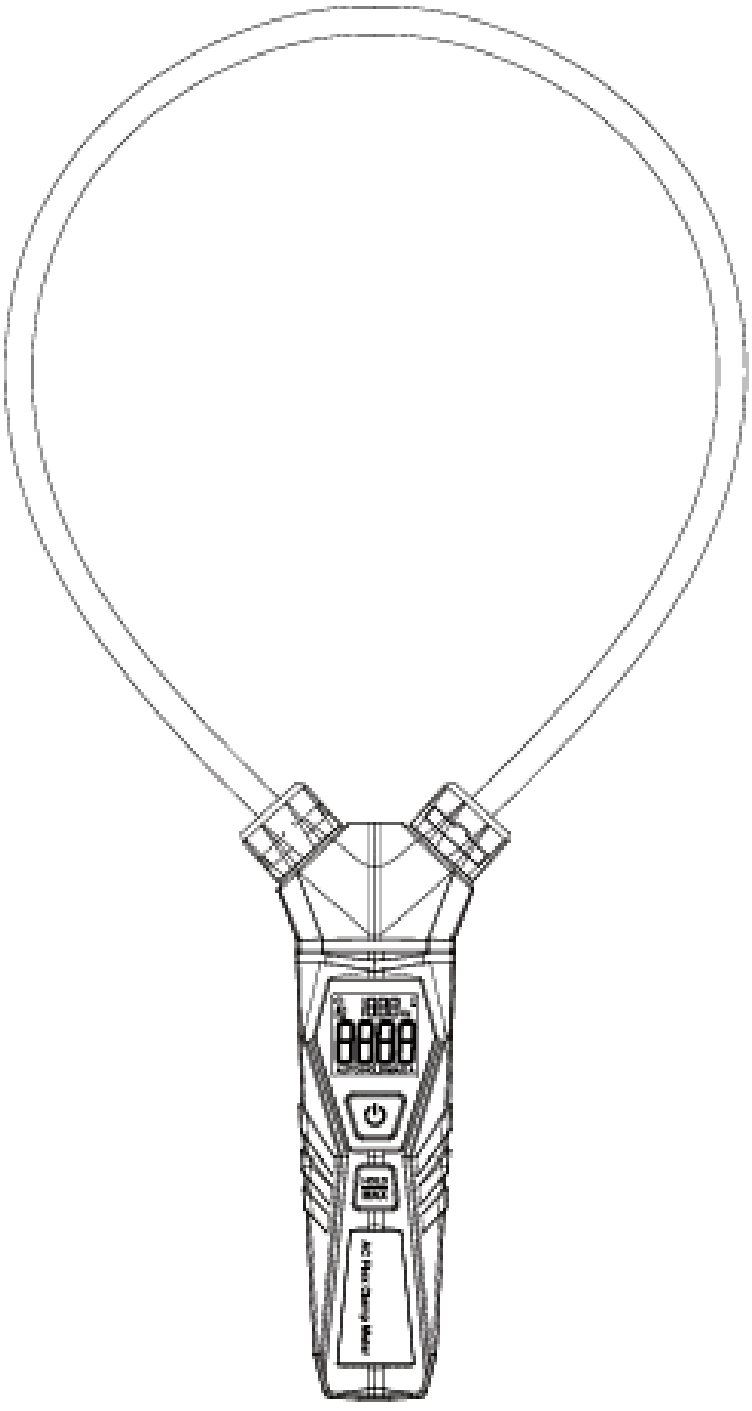
USERS MANUAL

AC Flexible Clamp Meter



Before using the instrument,please read this manual carefully,and save it well for future using.

This instrument is a 6000-count AC digital flexible clamp meter with a maximum AC current measurement capacity of up to 9999 A. It features a lightweight housing combined with a flexible clamp head, enabling easy measurement of conductors with various diameters, including in confined or complex environments.The meter is equipped with practical functions such as MAX hold, Data Hold, backlight, and low battery indication. It is suitable for a wide range of applications, including industrial electrical maintenance, building electrical testing and commissioning, power system monitoring, and current measurement of cables in limited spaces.

1.Safety Information

⚠	Incorrect operation during measurement may cause personal injury or damage to the meter; please read the product manual carefully before use and strictly follow the operating instructions.

1.1 Safety Guidelines

Before use, inspect the meter for any damage that may have occurred during transportation. Do not use the instrument if the housing shows signs of damage such as cracks or breakage.

When operating near exposed conductors or busbars,there is a risk of electric shock or arc flash. Wear appropriate personal protective equipment (PPE) and maintain a safe distance in accordance with applicable safety regulations.

1.2 Usage Specifications

Before use, ensure that the instrument housing is intact; Operate the meter correctly to prevent measurement errors or damage to the instrument.

Avoid using or storing the instrument in environments with direct sunlight, high temperature, or high humidity. Such conditions may reduce insulation performance, cause moisture absorption in internal circuits, and affect measurement accuracy.

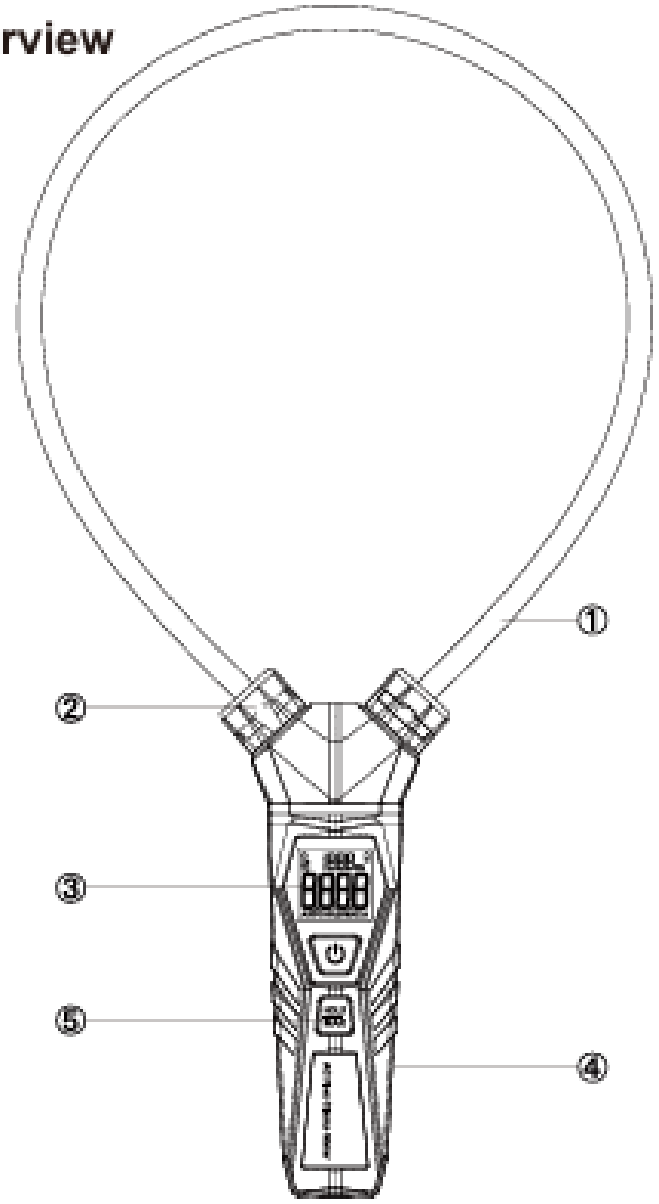
Do not open the bottom cover or attempt to adjust or repair the meter. Servicing must be performed only by qualified personnel.

Do not perform measurements exceeding the specified measurement range or rated input limits of the instrument.

1.3 Symbols

Symbol	Description
	AC (Alternating Current) Voltage
	Pay attention to the danger and refer to the instruction manual
	Earth (Ground)
	Double Insulation
	Complies with European Union (EU) Directive

2.Structure Overview



S/N	Description
①	Flexible Coil
②	Lock/Latch
③	Display Screen
④	Battery Compartment
⑤	Function Keys

3.Display Introduction

Symbol	Description
AUTO	Auto-ranging
	Low Battery Indicator
AC	Alternating Current (AC)
HZ	Frequency
MAX	Maximum Value Hold
HOLD	Data Hold
A	Ampere (Unit of Current)
	Auto Power Off

4.Technical Specifications

Working Height	Max. 2000m
Auto-ranging	Yes
Rated Current	Approx. 5mA
Display	LCD
Maximum Display	9999
Over-range Display	OL
Sampling Rate	Approx. 3 Times/Second
Power Supply	2x1.5V AAA Batteries
Operating Temperature	0 ˚C~40 ˚C
Storage Temperature	-10˚C to 50˚C
Dimensions	335x160x26mm
Clamp Jaw Diameter	165mm
Flexible Probe Length	520 mm
Flexible Probe Diameter	7.5 mm
Weight	Approx. 120g (Excluding Batteries)

5.Function Description

※ Power Key（⏻）: Press and hold to power on the meter; press briefly to power off.

※ MAX/HOLD Key: Press and hold to enable or disable MAX (Maximum Value) hold function. Press briefly to enable or disable HOLD (Data Hold). When HOLD is active, the buzzer will sound a warning every 3 seconds to indicate that the displayed value is locked.

※ Auto Power Off: The meter will automatically power off after 15 minutes of no key operation.

※ Deactivating Auto Power Off: With the meter powered off, press and hold the HOLD key and the （⏻） key simultaneously to power on. The buzzer will sound four times and the " ⏻ " symbol on the display will disappear, indicating that the auto power off function has been disabled. Auto power off functionality will be restored after manually powering off.

※ Low Battery Indication: When the symbol （🔋） appears on the display, it indicates insufficient battery power. Replace the batteries promptly to ensure accurate measurements.

6.Technical Specifications

AC Current

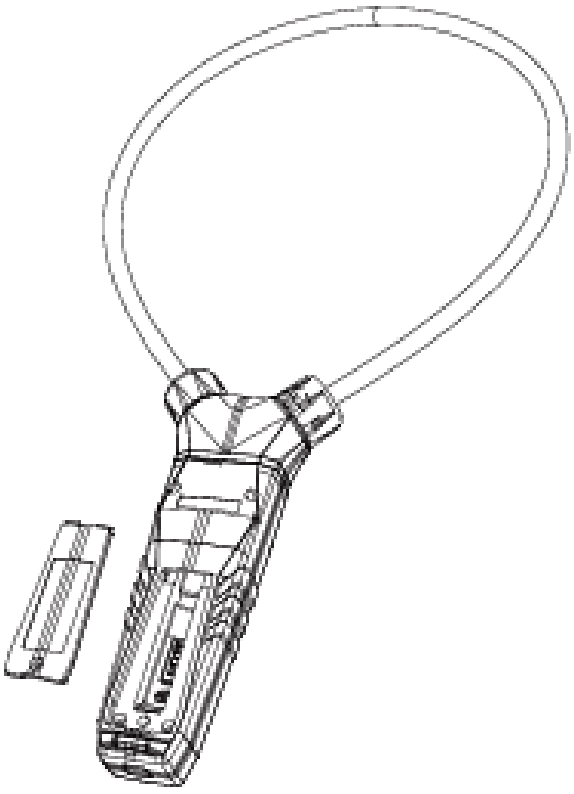
Range	Resolution	Accuracy
6A	0.1A	±(2.0% of reading + 5 counts)
60A	0 1A	
600A	0.1A	
6000A	1A	±(3.0% of reading + 5 counts)
9999A	1A	

Maximum Input Current: AC 9999A
Frequency Response: 50Hz to 60Hz

7.Battery Replacement

Before opening the battery compartment cover to replace batteries, ensure the meter is powered OFF and verify that the test coil is disconnected from any measurement circuit to prevent electric shock.

1.Turn the meter OFF.
2.Use a screwdriver to loosen and remove the fixing screw on the battery compartment cover located on the back of the meter.
3.Remove the battery compartment cover.
4.Remove the old batteries.
5.Install two new 1.5V AAA batteries.
6.Replace the battery compartment cover and tighten the fixing screw securely.



8.Accessories

AC Flexible Clamp Meter	×1
User Manual	×1
1.5V AAA Batteries	×2
Carrying Pouch	×1

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Made in China

CE RoHS

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