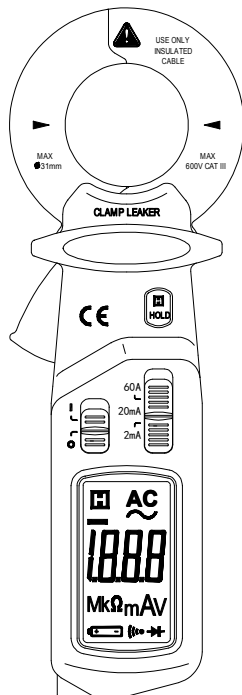


# OPERATOR'S INSTRUCTION MANUAL



## CLAMP LEAKER

### 1. SAFETY INFORMATION

The clamp leaker has been designed according to IEC1010 -1 and IEC1010 - 2 - 032 concerning safety requirements for electrical measuring instruments and current clamps with double insulation overvoltage category 600V CAT III and pollution 2.

### 2. SYMBOL EXPLANATION



**Important safety information, refer to the operating manual.**




**Double Insulation ( Protection Class 600V CAT III).**

**Measurement category III, it is for CAT III measurements performed on circuits directly connected to the low voltage installation.**

### 3. DESCRIPTION

Refer to the Fig and to the following steps to familiarize you with the clamp leaker.

1.	Transformer jaws Pick up the AC current flowing through the conductor.
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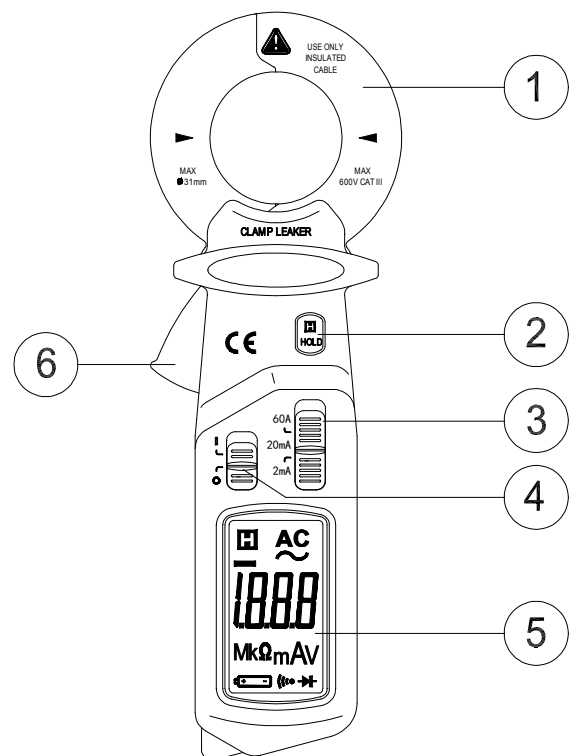
2.	Hold button When this button is pushed, the display will keep the last reading and “  ” symbol will appear on the LCD until pushing it again.
3.	Slip Key (select range) The key is used to select measuring range.
4.	Slip Key (Power ON or OFF) The key is used to turn the meter on (1) or off (0)
5.	Display 3 1/2 digit, 7 segment, 13mm high, LCD.
6.	Trigger Press the lever to open the transformer jaws. When the lever is released, the jaws will close again.

### 4. OPERATING INSTRUCTIONS

#### AC CURRENT MEASUREMENT

1.	Set the Slip key of range at desired range position.
2.	Set the Slip key of power at “1” (ON) position.
3.	Press the trigger to open transformer jaw and to clamp one conductor only, making sure that the jaw is firmly closed around the conductor.
4.	Read the measure result from the display.

### 5. CLAMP LEAKER LAYOUT



### 6. SPECIFICATIONS

Accuracy is specified for a period of one year after

calibration and at 18 °C to 28 °C (64 °F to 82 °F) with relative humidity to 75%.

**GENERAL**

**ENVIRONMENT CONDITIONS :**

Double insulation Installation categories III 600V

Pollution degree: 2, Altitude < 2000 m

**ACCURACY :**

± % of reading ± number of least significant digits.

**DISPLAY :** LCD, 1999 counts, updates 2 – 3 / sec.

**OVERRANGE INDICATION :** “ 1 ”.

**LOW BAT**  ”.

**POWER :** DC1.5V×2, Size AAA

**OPERATING ENVIRONMENT :** +5 °C to +35 °C

**STORAGE TEMPERATURE :** -10 °C to +50 °C

**TEMPERATURE COEFFICIENT :**


0.1× (Spec Acc’y) / °C < 18 °C or > 28 °C

**JAW OPENING CAPABILITY :** Φ31mm

**DIMENSION :** 176mm×59mm×28mm

**WEIGHT :** Approx. 160g

- Battery 2 × 1.5V, Size AAA



Break shown on the  
to stop use it.  
only a insulated cable.

**CAUTION:**

Using this appliance in an environment with a strong radiated radio-frequency electromagnetic field (approximately 3V/m) may influence its measuring accuracy.

**Technical Parameters**


**AC CURRENT**

Range	Resolution	Accuracy
2mA	0.001mA	± (2.0%+8)
20mA	0.01mA	± (2.0%+15)
60A	0.1A	≤50A: ± (2.0%+10) >50A: ±5%


Frequency range: 50Hz or 60Hz.

Overload Protection:

120% ranges for 60 seconds max.



Y  
type of battery.



mark, the battery must be replaced to avoid incorrect measuring data. Use the following procedure to replacing the battery:

1. The power key is used to select “ O ” (OFF) .
2. Opening the battery cover by a piece coin.
3. Remove the exhausted battery and replace with two new 1.5V Size AAA batteries.
4. Place battery cover and secure.

**8. ACCESSORIES**

- Operator’s instruction manual