

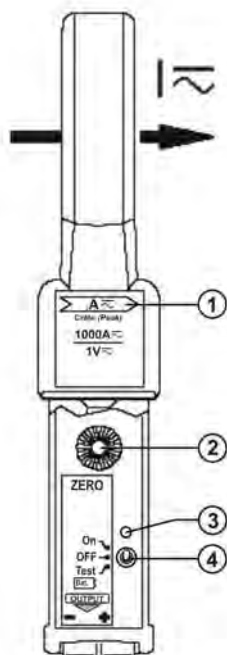
USER MANUAL

SAFETY WARNING



- This note must be read in full. Any operations on live conductors can be dangerous
- The operator is expected to be fully aware of all necessary electrical safety regulations and procedures. Safe operation is this responsibility
- Never exceed the limit of voltage (600V) or current (1000A AC/DC) indicate in this manual
- When measuring current, if strong current nears to the clamp jaw, it will affect the accuracy
- While measuring current, always put the tested conductor in the center of clamp jaw so as to obtain a more accurate reading
- It is up to the user to ensure that the equipment is at all times in its original safe conditions
- Strong vibrations and impacts may cause damage to the instrument

INSTRUMENT DESCRIPTION



LEGEND:

1. Arrow which shows the current reference direction
2. ZERO adjustment thumbwheel
3. Red LED indicator
4. ON/OFF and battery test selector

BATTERY REPLACEMENT

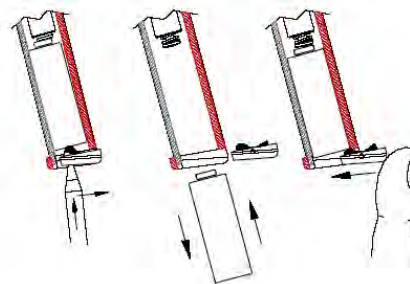


Fig. 2: Battery replacement operation

Consider the herewith steps to replace internal battery (for voltage <6V) (see Fig. 2):

1. Perform a little pressure on the hole on the top of battery cover by using e.g. a small screwdriver
2. Shift and detach the battery cover
3. Remove the battery and replace with a same type new one considering the correct polarity which is shown on clamp handle
4. Replace with a click the battery cover

Fig. 1: Instrument description

TECHNICAL SPECIFICATIONS

Primary rates current: 1000A AC/DC FS
 Measuring range: 1A ÷ 1200A
 Output signal: 1V AC/DC max
 Output ratio: 1000/1 → 1A = 1mV
 Accuracy: ±(1%reading + 0.5A)
 Resolution: 100mA
 External minimum load: 10kΩ
 Frequency bandwidth: DC ÷ 20kHz (-1dB)
 Pollution degree: 2 according to IEC/EN61010-1

Dielectric strength: 5,5KV 50Hz 1min
 Insulation: Double insulation
 Overvoltage category: CAT III 600V
 Power supply: 1 x 9V battery type IEC 6F22
 Temperature range: 0° ÷ +50°C
 Max diameter of cable: 52mm
 Dimensions (mm): 213(L) x 85(La) x 24(D)
 Weight: Ca 0.6kg
 Output connection: Hypertac connector

MEASUREMENT PROCEDURE

1. Connect clamp's output terminal to the inputs of the instrument to be used as indicator
2. Press and hold the ON/OFF selector on "Test" position and verify the red LED on. Replace the battery (see Fig. 2) if the red LED is off
3. Power on the meter by move the selector on "On" position. The red LED should be fixed on. Verify the zero at display of instrument to be used as indicator. If no move ZERO regulation trimmer on clamp before start the measurement
4. Open the clamp and put the tested conductor in the center of the clamp jaws. No gap is allowed between the connections of clamp jaws. Always consider the correct connection of clamp (see Fig. 1)
5. Read the current value in the indicator's display. Turn off the meter at the end of measurements



CAUTION: this symbol indicates that equipment and its accessories shall be subject to a separate collection and correct disposal