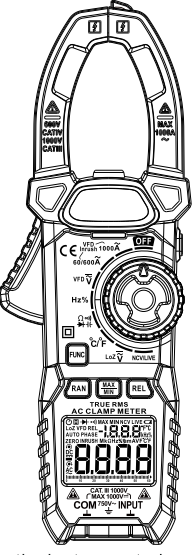
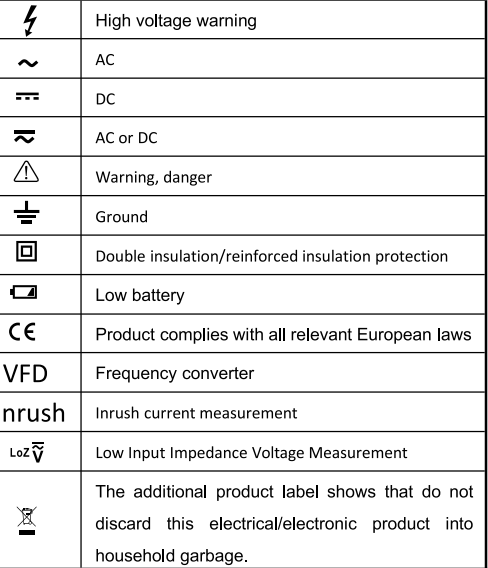
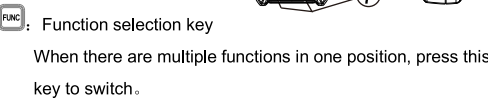


User manual AC DIGITAL CLAMP METER  Before using the instrument, please read this manual carefully, and save it well for future using.	Safety Information.....1 Safety Symbols.....4 Overview.....5 Panel description.....5 Function operation.....6 Operations.....8 Auto power off.....8 Inrush current measurement.....8 VFD current measurement.....9 AC current measurement.....10 VFD Voltage measurement.....11 AC/DC Voltage measurement.....12 Frequency/duty measurement.....14 Resistance measurement.....14 Continuity test.....15 Diode test.....16 Capacitance measurement.....16	Temperature measurement.....17 Non-contact AC Voltage (NCV) Detection.....18 Live Detection.....18 General Technical Specifications.....19 Accuracy Specifications.....20 AC current.....20 DC voltage.....21 AC voltage.....21 Resistance.....22 Diode.....23 Continuity.....23 Capacitance.....23 Frequency/duty.....24 Temperature.....25 Maintenance.....26 General maintenance.....26 Battery Installation or Replacement.....26	Safety Information WARNING Please read this manual carefully before using this product. WARNING “WARNING” mark indicates the condition and operation which may cause danger to users. “CAUTION” mark refers to the condition and operation which may cause damage to the instrument or equipment. WARNING In order to avoid possible electric shock or personal injury and other safety accidents, please abide by the following specifications ● Please read this manual carefully ● Use the instrument strictly according to this instruction, otherwise the protection function provided by the instrument may be damaged or weakened. ● Please be careful if the measurement exceeds 30V AC true RMS, 42V AC peak or 60V DC. There may be danger of electric shock at this kind of voltage. ● Voltage applied between terminals or between each terminal and grounding point shall not exceed the rated 1	value. ● By measuring the known voltage to check whether the meter work is normal, if it is not normal or damaged, do not use it again ● Before using the instrument, please check whether there are cracks in the instrument shell or plastic parts damaged. If so, please do not use again. ● Before using the instrument, please check whether the probe is cracked or damaged. If so, please replace the same type and the same electrical specifications ● Do not exceed the lowest rated Category of Measurement (CAT) rating in products, probes or accessories ● Do not measure the current when the probe is inserted into the input jack ● Don't work alone ● Please comply with local and national safety code. Wear personal protection equipment (such as approved rubber gloves, masks and flame retardant clothes, etc.) to prevent being damaged by electric shock and electric arc due to exposed hazardous live conductor ● When it shows low battery indicator, please replace the 2
battery in time in case of any measurement error ● Do not use the instrument around explosive gas, steam or in wet environment. ● When using the probe, please put your fingers behind the finger protector of the probe ● When measuring, please connect the neutral wire or the ground wire firstly, then connect the live wire. When disconnecting, please disconnect the live wire firstly, then disconnect the neutral wire and ground wire ● Before opening the outer cabinet or battery cover, please remove the probe on the instrument. Do not use the instrument in the circumstances that the instrument is taken apart or battery cover is opened ● It only meets the safety standards when the instrument is used together with the supplied probe. If the probe is damaged and needs to replace, the probe with same model number and same electrical specifications must be used for replacement. 3	Safety Symbols  4	Overview This meter is a double impedance high performance true RMS digital clamp meter, which integrates multiple functions, makes your work easier, more efficient and safer. It can measure AC/DC voltage, AC/DC current, frequency, duty, resistance, capacitance, temperature, diode, NCV, VFD, inrush current, etc. High Input Impedance Voltage Measurement: When measuring in a circuit, it has little effect on circuit performance. This is the desired effect for most voltage measurement applications and is especially important for sensitive electronic or control circuits. Low Input Impedance Voltage Measurement (LoZ): It can safely troubleshoot sensitive electronic or control circuits and circuits that may contain false voltages, and can more reliably determine whether there is a voltage on the circuit. Panel description 5	① NCV sensor ② Clamp ③ Flashlight ④ Knob switch ⑤ Function key ⑥ Display ⑦ Measuring input jack ⑧ Trigger Function operation  Function selection key When there are multiple functions in one position, press this key to switch. Range selection key When the meter is turned on, the meter defaults to the AUTO range mode and displays the “auto” character. It is effective in 60/500A, ACV, DCV and resistor functions. Press this key to enter the manual range mode, continue to press to enter the higher range until the highest range, and press again to return to the lowest range. In manual range mode, press this key for more than 2 seconds to return to 6	automatic range.  Max/Min View Key At current, voltage, resistance and temperature functions. Press this key to cycle through the maximum and minimum values; Press this key for more than 2 seconds to exit this mode. After entering this mode, the meter will automatically switch to manual range. When entering the maximum/minimum viewing mode, first press the range key to switch to the most suitable range.  Relative Value Key

In the current, voltage, resistance, capacitance and temperature, this key is the relative value key. Press this key to turn on relative value measurement, the display screen will display “REL”, and press it again to exit the relative value measurement function.



Press this key to turn on data hold, and the display screen displays “H” character to show data locking. Press again to cancel. Press this key for more than 2 seconds to turn on or off the flashlight.

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SIZE:75X105mm