



Accessories

- Three current clamps
- Four voltage probes with ampoule clips
- Cover
- 2 Rechargeable AA batteries
- Charger and USB connection cable



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MT-413

Bluetooth three-phase electricity meter test and inspection

With the ability to connect with the electricity meter testing Android application

Overview

MT-413 is a portable device designed for testing electricity meters and measuring electrical parameters of the network, as well as calculating the error percentage of the meter under test and transferring this information to the related application (Android) via the Bluetooth communication platform. This device has been designed in accordance with the standard procedures for the testing and inspection of metering equipment of electricity distribution companies and is capable of testing all types of single-phase and three-phase mechanical and digital meters.

Features

- ▶ Easily replaceable rechargeable AA batteries
- ▶ LEDs to indicate device status in various conditions and battery level
- ▶ Auto/manual pulse counter connector
- ▶ USB port for special communication
- ▶ Standard communication protocol for communicating with the Android application
- ▶ Protective circuits to guard against potential shock and user error in making electrical connections
- ▶ Complete isolation between digital and analog sections
- ▶ Neutral current measurement completely independent of the current of the other phases (if ordered)
- ▶ Calibrate with two different types of clamps
- ▶ Percentage error calculation for single-phase, three-phase, active, reactive, demand and non-demand, digital and mechanical meters
- ▶ Firmware upgrade via USB port

Technical Specifications

- Measurable parameters:
 - Voltage, current, phase difference, apparent power, active power, reactive power
 - Measure the harmonic amplitude of voltage or current
- Power supply: Lithium polymer battery with at least 10 hours of operation
- Communication ports:
 - Bluetooth
 - USB type C
- Measurable voltage: up to 380 volts
- Measurable flow (based on order):
 - For clamp 200 from 0.1 to 200 amps
 - For clamp 500 from 0.4 to 500 amps
 - For clamp 1000 from 0.4 to 1000 amps
- Working frequency: 50 Hz
- Measurable power factor: from -1 to +1
- Operating Temperature: -25 to +60 °C
- Calibration: can be calibrated in 4 current intervals
- Firmware upgrade: via file upload