



MT141 Meter Tester

Overview

MT120 is a portable device made for test and inspection of single phase consumer measurement devices. This device is designed by the test and inspection standards of national distribution companies and is able to test various digital and mechanical single phase meters.

Main Features

- ▶ Complete isolation of digital section from power measurement section
- ▶ Equipped with protection circuits to prevent probable shocks and user faults due to wrong electronic connections
- ▶ Protection against excess current due to short circuit in attachable accessories
- ▶ Digital pulse counter attachment capability
- ▶ Meter data reading through optical port capability
- ▶ File access level restrictions and valid working hours time definition for meter readers
- ▶ Battery replacement with no need or opening the device
- ▶ Intelligent charging system for controlling the charging process
- ▶ Geographical location entry using GPS (if requested)
- ▶ Capable of registering all observations and measuring device specifications
- ▶ Testing of digital and mechanical single phase and straight three phase meters.



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Specifications

Registered and shown Parameters	Voltage, Current, phase difference, visual power, active power, reactive power, frequency and temperature
Power Source	Ni-MH 3500mAh
Communication Ports	USB, RS232
Information registry capacity	1600 to 4800 consumers
Measured voltage	Maximum 400 v
Measured current	0.1 - 200 A
Working frequency	50 Hz
Measurable power factor	-1 to +1
Optimal working range	-10 to +55
Diameters	22x11x4 cm
Weight	540 gr
GPS Module	GPS L1 , 1575.42 MHz band frequency Glonass L1 1598.0652 ~ 1605.375 MHz first start less than 35 s channel count 99 accuracy 2.-20m

Accessories

Current Clamp x1
Voltage probe x2
Bag
Cover
Charger
Serial Cable
USB Cable



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