

# MT-1/NT4

## Portable Single-Phase Watt-hour Meter Tester



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Probelwell offers the most advanced portable single-phase watt-hour meter tester, the MT-1/NT4. Using the technology developed for our three-phase tester, the weight of the MT-1/NT4 is only 5.3 lb, making it the smallest portable watt-hour single-phase meter tester available today!

The MT-1/NT4 can test all common residential watt-hour meter forms 1S, 2S, 3S, 4S and 12S.

The three loads HL, PF and LL are set automatically according to the TA of the meter being tested. Any non-standard current can be also programmed by the user for special needs.

With the commercial 12S meter, the MT-1/NT4 can test two phases simultaneously or separately. The meter under test is entirely controlled by the test socket. No setup wiring is needed.

The MT-1/NT4 also has reverse power flow testing capability for solid-state meters.

### ACCESSORIES



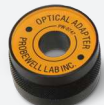
Metricam Disk Sensor



Optical Pick-Up



Focus Adapter



Magnetic Adapter

# SPECIFICATIONS

## COMPATIBLE METERS

Form	1S, 2S, 3S*, 4S*, 12S
Class	10, 20, 100, 200, 320

## TEST SOCKET

Input Voltage	100 - 600VAC
Line Frequency	58 - 62Hz
Power Consumption	75VA (maximum)
Circuit Breakers	2 x 1A (press to reset mechanism)

## CURRENT SYNTHESIZERS

Adjustable Current	0.25 to 50A
Phase Angle	Unity and 60° Lag

## SINGLE-PHASE WATTHOUR STANDARD

Typical Accuracy	±0.02%
Guaranteed Accuracy	±0.05%

## TEMPERATURE

Operation	-4° to 140°F (-20° to 60°C)
Storage	-4° to 140°F (-20° to 60°C)

## PHYSICAL DIMENSIONS (HxLxD)

Test Socket (Diam. x D)	6.9" x 7.7"
Remote Control	8.3" x 3.9" x 1"
Carrying Bag	11" x 11" x 8"

## WEIGHT

Test Socket	5.3 lb
Remote Control	0.6 lb
Overall with Carrying Bag	8.0 lb

## WARRANTY

Parts and Labor	**2-years limited
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\* May be incompatible with some 3S and 4S form meters.

\*\* Only applicable to units shipped to Canada or USA. 1 year warranty for other countries.



Quick Release Latch



NTData One software  
and USB device



**PROBEWELL**

1-866-626-1126 info@probewell.com  
**PROBEWELL.COM**

# RELATED PRODUCTS



## MT-1/NT3

### PORTABLE 3-PHASE WATTHOUR METER TESTER

For testing forms 1S, 2S, 12S, 14S, 15S and 16S



## MT-1/NT5

### PORTABLE SINGLE-PHASE WATTHOUR METER TESTER WITH ADVANCED FEATURES

For testing forms 1S, 2S, 3S, 4S, 5S (35S), 12S, 45S



## MT-1/NT9

### ALL-IN-ONE PORTABLE WATTHOUR METER TESTER

For testing forms 1S, 2S, 3S, 4S, 6S, 8S, 9S, 12S, 14S, 15S and 16S



**ASK US ABOUT  
OUR ACCURACY  
TESTING KIT (ATK)**

PROBEWELL designs, manufactures and sells high accuracy measurement instruments for the power utilities.

We can sincerely say that our testers have changed the way utilities go about their everyday business such as handling high bill complaints, field sampling of

meters or just any type of field meter testing.

Innovative design and the use of the latest technology have kept Probewell products at the front of the pack when it comes to quality, ease of use, sturdiness and customer satisfaction.



**CONTACT US TODAY FOR A QUOTE.**

1-866-626-1126  
info@probewell.com  
**PROBEWELL.COM**