

MT-1/NT4

Portable single-phase wathour meter tester



Probewell offers the most advanced portable single-phase wathour meter tester, the MT-1/NT4. Using the technology developed for our 3-phase tester, the weight of the MT-1/NT4 is only 5.3 lb, making it the smallest portable wathour single-phase meter tester available today!

The MT-1/NT4 can test all common residential wathour 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 has also reverse power flow testing capability for solid-state meters.

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

3-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	1-year limited
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* May be incompatible with some 3S and 4S form meters.

ACCESSORIES



Metercam Disk Sensor



Optical Pick-Up



Focus Adapter



Magnetic Adapter



Quick Release Latch



NTData One software and USB device



PROBEWELL

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