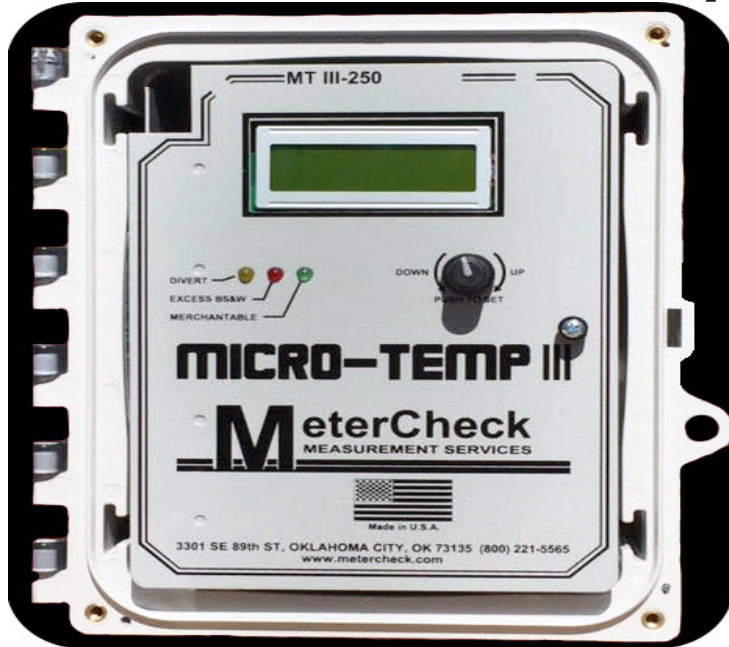


## Micro Temp III



- \* Combine multiple measurement tools in a compact single housing. Same footprint as MTII 150. Very user friendly.
- \* Easy to calibrate and communicate with Modbus. Utilize 2 (4-20mA) analog output signals.
- \* Base unit, Micro Temp III includes a 2 Channel Averager. Can now monitor an expanded temperature range of 0-250F.
- \* Upgrade with additional features, in the field, or at time of order. Additional cost.
- \* Include Mass 1000 and/or BS&W for smaller footprint and wiring.
- \* Include your probe with thermowell for a simple connection.

**\*Add Mass 1000**

- Separate totalizer for both channels (2). All models have a rate meter for each channel
- 1:1 ratio both digital output and prover pulse
- Allows continuous on-line measurement. Easy interface with flow meter, sample system and proving
- Adjustable frequency input 0-200 Hz, 8400 Hz and 10,000 Hz.
- Choice of Switchcraft or Amphenol proving connections; user configured

**\*Add BS & W**

- Adjustable sample output.
- Improve essential accuracy of crude-oil custody transfer operations.
- Uses one of 4-20 mA analog outputs.

**\*Add Probe & Thermowell for Temperature Averager**

- Size available in 1/8".
- 303/304 Stainless available.

Meter Check Item #	Description
MTIII-250	Micro-Temp III 2 Channel Temp Averager, NEMA 4X Enclosure
MTIII-250B	Micro-Temp III 2 Channel Temp Averager + BS&W Monitor, NEMA 4X Enclosure
MTIII-250M	Micro-Temp III 2 Channel Temp Averager + 2 Channel MASS 1000, NEMA 4X Enclosure
MTIII-250MB	Micro-Temp III 2 Channel Temp Averager + 2 Channel MASS 1000 + BS&W Monitor, NEMA 4X Enclosure
Meter Check Item #	Probes & Thermowell for Temperature Averager
MP-081857	1/8" Diameter Sheath Thermistor for Temperature Averager
42-30-0004-02	303/304 Stainless Steel Thermowell for Temperature Averager Probes

### Specifications

Input Power - 120VAC or 24VDC	Transient Protection - 2500V
Output Power - 12VDC or 24VDC	Operating Temperature: -40F to 140F
Pulse Input - AC, DC, Frequency, or Dry Contact	Humidity - 0-97% Non-Condensing
2 Analog Outputs	Mounting Opening - .31" (x4)
Modbus Output for All Functions	Case Material - Molded Fiberglass Reinforced Polyester
Power - 8w	Weight - 6.25# Dim. H= 9.4" W= 7.4" D= 5.32"