



A Division of  
Floyd S. Salser, Jr. & Associates

**MARS MUN-I is a Precision  
Microprocessor-based Test Instrument**

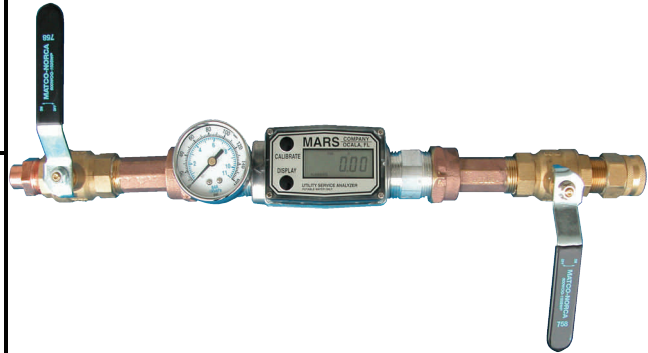
- **Verify residential water meter accuracy to within 1/2 of 1% by merely connecting the instrument to the customer's hose line.**
- **Check both static and flow pressure at the customer's residence. If any blockage exists, this data will indicate which side of the meter the problem is on.**
- **Measure actual flow rate within 1/10 GPM.**
- **Serve as a rate of flow indicator, line pressure gauge and comparison tester for small meter shops not equipped with a full test bench and calibrated tanks.**

**Description:** Field testing residential water meters is easy with the unique MUN-1 Utility Service Analyzer. Designed with the latest technology value engineering to provide you with an economical, high accuracy test unit, specifically intended for the municipal water market. This unique design combines a turbine meter, a microprocessor, and a pressure gauge in a rugged carrying case for long life in a field test environment.

The MUN-1 has three different calibration curves that can be calibrated at three different flow rates per curve, making the MUN-1 extremely accurate. Two of the three curves can be set to two different calibrations, one U.S. Gallon and one Cubic Feet, or both can be Gallons. Liters can also be calibrated into the MUN-1 if the customer desires.

**Distributed By:**

**MUN-I**  
Utility Service Analyzer



**Operation:** Pulse signals generated by the turbine flow sensors are magnetically transmitted to the microprocessor, then computed into U.S. Gallons, Cubic Feet, or Liters and show on an easily read LCD display.

Although the MUN-1 was designed primarily as a field test instrument for resolving customer complaints, a number of water utilities are using the MUN-1 to test all of their meters in service as the most efficient and economical means of checking accuracies and recouping lost revenue from faulty meters.

**Specifications**

<b>Optimum flow range</b>	1.6 to 45 GPM, 150 PSI
<b>Factory Calibration</b>	± 0.5% accuracy
<b>Pressure Drop</b>	Adjusted to simulate 5/8" x 3/4" meter
<b>One Moving Part</b>	Turbine rotor
<b>Display</b>	0.4" high, 6-digit LCD display with floating decimal
<b>Automatic</b>	"ON" & "OFF"
<b>Battery</b>	Self-contained, field replaceable, lithium power cells with 2000 operating hours
<b>Meter Threads &amp; Length</b>	5/8" X 3/4"
<b>Computer</b>	Counts units in 3 different totals and in a flow-rate mode



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