

Measurement Systems

WLT-800HP

General Specifications:

- Capacity: Up to and including 1000 CFH class meters (excluding Sprague 1000)
 - Pressure: 100 psi internal meter pressure for 100# case diaphragm meters
- Thermostatically controlled water heater
- Circulating pump/Water filter
- Rotating/lifting camera inside testing enclosure to view meter a full 360° while standing in front of the tester
- Optional rotary meter test module for up to 7m with test pressure up to 175 psi.

Requirements:

- Power: 120vac at 30 amps
- Compressed Air Supply: 100 psi at 5 CFM (175 psi for rotary testing)
- Water Supply/Drain: standard hose connection



Meter loading



Meter prior to lowering into test tank

Operation:

- Meters are loaded from pallet level into the clamping assembly and hung as they would be in the field (no pressure down on the meter).
- The meter is then lifted and lowered into the enclosure pneumatically.
- The operator controls the camera that rotates around the meter and views possible leaks on the supplied monitor.
- The meter is then lifted and unloaded at pallet level (on either side of the tester).



Rotary meter testing fixture



Meter testing display

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