

Measurement Technology International

MTI - Mini-dispenser - Model # 190MS

Description

A quality, heavy duty, Mini-Dispenser with single display, retail sales capability, including ATC and electronic calibration.

Features:- Register

The new Measurement Technology Eliminator 6.0 Electronic Register.

It features some of the most advanced features not available in other electronic registers. Automatic calibration of the register. The automatic calibration feature allows the installer to run only one "reference" amount in order to achieve the required meter calibration.

The display is customizable for multiple arrangements to suit the application whether it be retail, commercial or bulk.

Back-lights are built into the display. The LCD display module is rated for harsh climates (-40°C to +80°C or -40°F to +176°F). The display utilizes a design that works with or without ambient light so they are visible with or without the back light.

The entire unit is intrinsically safe and rated for use in Class 1, Division 1, Group D areas.

The Eliminator 6.0 is not limited to any set amount on the price per unit display (there is no limit of \$2.00 per gallon for example). It can display in any unit of measure without any modification or optional accessories. All customer programming and daily operations, including changes to pricing and reading daily totals, can be done with an infrared remote control which will work up to 30 feet (9m).

Automatic Temperature Compensation is built in, and can be used if desired with the appropriate probes and hardware.

All features are prompted by "user friendly" on-screen displays. All on-screen prompts are in English, without cryptic numbers. Other language



versions can be made available upon request.

Functions can be accessed by each user on a password basis. There are passwords for each of the different levels of functions. The following features are accessed by password:

- Price Change
- Reading Totalizers
- General Programming
- Audited Programming

The audit features in programming are sealable so any metrological data meets government Weights and Measures requirements.

Features:- Meter

The unit features a quality new TCS (Total Control Systems) Model #682-15-L 1 1/2" positive displacement meter.

This reciprocating 3 piston positive displacement meter is capable of 150 PSI maximum (10.5 BAR) working pressures at temperatures between -28.9 C and 93.3 C (-20.0 F to 200 F). The meter is approved for trade use in Canada at flow rates between 15 and 150 LPM.

The 682 meter is a true Positive Displacement Meter, with the inlet and outlet on the same horizontal plain.

Features:- Optional Mounting

The dispenser cabinet comes complete with 4 - 5/16" NC Pennnuts pressed into the cabinet base for optional mounting onto:

- a.) Customer supplied tank skid structure.
- b.) Optional Pedestal base.
- c.) Optional "full size" dispenser base (for use on Service Station Island).

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Features:- Housing

The cabinet is made from heavy gauge steel, powder coated in the color of your choice, with stainless steel side trim.

The cabinet can be mounted in a variety of configurations, including on an optional Pedestal base.

The cabinet includes a reset handle and nozzle holder.

It has easy access to the Electronic Register, Meter, Solenoid Valve , ATC Probe and Thermal Well, through a lock-able front cover.

All programming of the electronic register can be achieved externally through ports provided in the dial face by a "television" type infra red remote.

Available with Customer Preset, including a two stage solenoid valve, for accurate shut off at preset Volume amounts.

Can be configured for second "satellite" unit installation.

Specifications - Electrical

Input Voltage:

110/220 Vac, 50-60Hz, .2/.1A

Motor Control Output:

12A@220 Volts side A, 3/4 HP

Solenoid Control:

2A, 220Vac

Two Stage control for preset option

Handle Switch:

5A, 220 Vac



Specifications - Mechanical

Inlet:

1 1/2" Meter Inlet

Outlet:

1 1/2" Outlet

This Mini-Dispenser holds Measurement Canada Device Type Approval # AV-2377 for approved measuring devices. The meters are approved in Canada for the following flow rates:

Model 190

(Regular speed) 13 to 90 LPM

Model 190 MS

(Medium speed) 15 to 150 LPM

Measurement Technology International Ltd is a member of the **Mid-West Group of Companies**. Specializing in the design and manufacture of measurement devices for liquid fuel applications. All of our products are customizable to meet our clients needs. Many applications outside of the petroleum industry.

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