

# Measurement Technology International

## MTI - Mini-dispenser - Model # 190

### 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 PMP Corporation re-manufactured Tokheim 898K meter.

This meter is noted in the Industry for its accuracy, reliability and durability.

It is a vertical piston, positive

displacement meter. Accurate at any pressure and delivery rate. Stainless Steel and other non-corrosive, rust resistant materials are used throughout.

PMP Corporation re-manufactured meters include:

- All new leathers, O-Rings, seals and gaskets. All dynamic seals and O-Rings are made of high cost Viton® or Teflon® to give reliable performance with alcohol blended fuels.
- Bearings and bushings checked for wear and replaced as needed.
- Worn shafts are replaced or re-ground and hard chrome plated.
- All Valves and Valve seats are machine lapped to a flatness of 0.000033". This is done on special equipment where accuracy is checked daily.
- Aluminum Valves or valves seats are re-hard coated on an as needed basis.

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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 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

#### Handle Switch:

5A, 220 Vac



### Specifications - Mechanical

#### Inlet:

1 1/2" Meter Inlet

#### Outlet:

1" Outlet

#### 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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