

Measurement Technology International

“Eliminator 6.0” Electronic Register

Description

Measurement Technology has introduced the Eliminator 6.0 Electronic Register for use in diverse retrofit or OEM product metering applications.

It features some of the most advanced features not available in other electronic registers. Automatic calibration of the register, so it will work with any meter currently on the market that has an output shaft or quadrature pulse outputs; any size of meter from ½"(127mm) to 8"(2032mm) or larger. The auto-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 displays. LCD display modules are rated for harsh climates (-40°C to +80°C or -40°F to +176°F). The displays utilize a design that works with or without ambient light so they are visible with or without the backlight.

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.



User and Installer Friendly

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.



Head Shown in Bulk Meter Mount

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Features

- ▶ Accurate (3 decimal resolution on volume display).
- ▶ Works with any meter.
- ▶ Backlit Displays.
- ▶ Works in any currency.
- ▶ Intrinsically safe.
- ▶ Remote programming.
- ▶ Easily serviced.
- ▶ Optional Automatic Temperature Compensation built in.
- ▶ No price limits.
- ▶ Controls motors and solenoids.
- ▶ Optional "Pump Mount" Customer Preset Keypad Kits.
- ▶ P.O.S. capability.
- ▶ Remote pulser ready.
- ▶ Programmable product volume resolution.
- ▶ No battery required for totals or configuration memory.
- ▶ Automatic Calibration, no gears or mechanical adjustments.
- ▶ Can interface to card readers or Touch screen terminals for unmanned site operation.
- ▶ Customizable features.

Functionality

The Eliminator 6.0 has only three electronic boards, meaning less serviceability problems, and fewer parts to stock.

All setup configurations are standard. A standard computer chip is available for dispensing of gasoline and diesel products, with English displays. Other product table and language chips are available.

What does this mean for you?

The same register has the functionality to work in a retail dispenser, a commercial dispenser, or on bulk rack applications. Displays can be programmed to show price for retail, no price for commercial, and compensated and gross volumes for bulk applications. Other display configurations are available.

The Eliminator 6.0 can also be used in propane, natural gas and aviation fuel applications.

Specifications

Input Voltage:

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

Motor Control Output:

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

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

Solenoid A, B fast and slow:

2A, 220 Vac

Handle Switch A, B:

5A, 220 Vac



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 the petroleum industry.

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By replacing Mechanical Computer as on right with Eliminator 6.0 retrofit head, as on the left

We gain modern electronics!