



# Setting a New Value Standard

## The Electronic Meter Register from Veeder-Root

### The EMR<sup>3</sup> Electronic Register System

For over four decades our Mechanical Register has been the worldwide standard for quality, performance, and value.

- The EMR<sup>3</sup> will shortly become the new Industry Standard in Electronic Meter Registers.
- All the desired features at a highly competitive price

The Register Head (display) and the Interconnect Box (I.B.) are the building blocks of the system.

- With accessories, configure a system that meets any need on the vehicle or in the terminal.
- Two Registers may be connected to a single I.B.
- Up to 16 Interconnect Boxes can be networked together with I.B.<sup>NET</sup> for up to a 32 Head system.

### The EMR<sup>3</sup> Register and Display



- The display shows simultaneously the totalizer, preset/price, register volume, and descriptions.
- Icons on the display show specific conditions and modes.
- The EMR<sup>3</sup> Register Head stores 50 transaction records in non-volatile memory. (Up to 200 in the I.B.)
- The standard Veeder-Root housing is used for simple & convenient upgrading of mechanical heads to electronic.
- A fully control & function remote Repeater/Display is also available for an aircraft refueler lift or other applications.

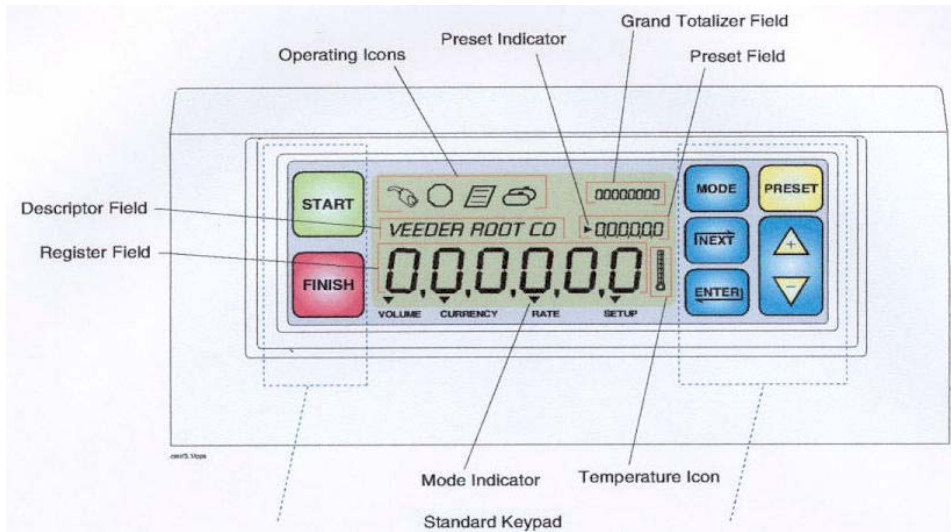


### The EMR<sup>3</sup> Interconnect Box

The I.B. component mounts in the cab or building and provides the EMR<sup>3</sup> Register with intrinsically safe power.

- The I.B. is the networking and communication hub for the system.
- The I.B. accommodates the control features of the system and provides the non-intrinsic safe interfacing capability for connecting other devices.
- Every I.B. can run one or two registers/display heads for single or simultaneous dual meter operation.
- Relays are available for valve switching.
- Time and Date is available, With Time and Date, Up to 200 transactions are recorded in non-volatile memory
- All models are available in 12vdc or 24vdc.
- All I.B. models include three communication ports for connection to On-Board Computers, Printers, I.B.<sup>NET</sup>, pulse output, and auxiliary devices such as RF ID readers.





## The EMR<sup>3</sup> System Features

- ✓ All Weather-Backlit Display – Day or Night Easy Viewing
- ✓ Delivery, Totalizer, and Preset all on one Display
- ✓ Fully Customizable Delivery Tickets – You choose what you want on the ticket
- ✓ Customizable Text Labels (use your own product codes or names)
- ✓ Installation Kits available to adapt to PD Meters
- ✓ Shift Reports for Daily activity and reconciliation in minutes
- ✓ Currency & Volume Delivery Modes
- ✓ Currency & Volume Preset Deliveries
- ✓ Temperature Compensated Delivery
- ✓ Multiple Product Deliveries (handle different product calibrations simultaneously!)
- ✓ Multiple Language Capability English and French programmed or your own labels.
- ✓ Dual Register Head - Simultaneous Operation
- ✓ Non-Volatile, Safe Memory (Up to 200 Transactions stored)
- ✓ 0 or 4 I.B. Relay Configurations – AC and DC switching
- ✓ Multi-Point Calibration for exceptional accuracy
- ✓ Fully Functional Remote Repeater available
- ✓ Optional Time & Date for Transactions
- ✓ Optional Keypad for easy alphanumeric entry. Mounts directly to the register housing.
- ✓ Currency available with 6 Tier Price/Tax/Discount (Percentage, Flat Rate, and Surcharge)
- ✓ Itemized Multiple Delivery Transactions – Summary with Itemized by tank.
- ✓ Fully Adjustable Pulse Output for Interface with other Devices and Inventory Systems
- ✓ Remote Start-Stop interface for Each Head
- ✓ I.B.<sup>net</sup> – Interface up to 32 Register Heads in one network!
- ✓ 3 I/O Com Ports for OBC, Printer and other interfaces
- ✓ Rate Indication
- ✓ ATEX and UL approved
- ✓ Weights & Measures World Wide Approval: NTEP, OIML, CW&M, French, PTB

For further information on the EMR<sup>3</sup>:

Contact Veeder-Root Customer Service in Altoona, PA:

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