

**Flexible
choice for your**



**fast-paced
forecourt.**

Gilbarco® PAM™ 5000

Gilbarco Veeder-Root's PAM 5000 Pump Access Modules brings expanded capabilities to sites that use third-party POS systems with Gilbarco® dispensers, including blenders and high gallonage models.

- > **No POS software changes.** It's a replacement for PAM 1000 with Enhanced Software and uses the same proven interface specification.
- > **Easy to upgrade** software to flash memory

via laptop computer

- > **Remote or local troubleshooting** of POS to PAM issues
- > **Easy configuration** via a laptop - no jump jacks to set – most frequently used parameters are set as defaults
- > **Eliminates costly CRIND® and pump d-boxes***
- > **Allows POS and PAM to be located up to 1600'**

apart and supports RS-422 and Current Loop inputs for pump control

- > **Eliminates need for the RS-232 to RS-422 converter** used by some 3rd party POS devices and adds support for RS-232 input for CRIND control
- > **Built-in program monitors pump and POS communications**

Flexible POS control

- > Pre-set or fill-up transactions for individual fueling positions
- > Complete grade mapping
- > Modular platform is easy to expand
- > Authorizations by grade or group of grades
- > Discounting at individual fueling positions

Convenient management information

PAM 5000 enables the following information to be displayed or incorporated into management reports:

- > Fueling position status
- > Transaction data
- > Real time money status
- > Dispenser totals
- > Base product totals
- > Blend ratios

- > Blend change counts (tracks the number of blend ratio changes by position and grade).

Modular components help you get just the right fit

- > The basic PAM 5000 unit is configured with a DSB500 POS Module and one DSB492 Current Loop module. This configuration has the capability to support up to eight dispensers. Up to two additional Current Loop modules can be added at installation to accommodate larger sites (up to 36 fueling positions). Current Loop Expansion Module Kits (M08037B001) are ordered separately on an as needed basis.

Eliminate costly distribution boxes*

- > The two-wire cables used for pump control can be connected directly to the DSB492 Current Loop

module in the PAM 5000, eliminating the PA0261 distribution box that is normally used for pump control. This does require that the PAM 5000 be physically located and installed in a location near the wiring trough where the two-wire cables terminate.

- > With the addition of an optional CRIND® Expansion Kit (M08037B002) to the base PAM 5000 unit, CRIND two-wire cables can also be directly connected to the PAM 5000. The CRIND Expansion Kit will support up to 8 dispensers with CRIND. For larger sites with up to 16 dispensers with CRIND, an additional optional Current Loop Expansion Kit is required.

* Business Inventory Reconciliation (BIR) applications do require a dual board distribution box.

PAM™ 5000 Specifications

Communication speeds:

- > 300-19,200 baud

POS Interface:

- > Supports RS-232, RS-422, or Gilbarco current loop serial interfaces without adapters or add in cards.

Keyboard:

- > 5-key keyboard is used for set-up when PC is not connected.

Power Supply:

- > 120 VAC, 60 Hz, 0.4 A.

Display:

- > 16x2 character alphanumeric LCD, used with keyboard when PC is not connected.
- > Displays application version number and time when application program is running.

Temperature range:

- > 0°C to +50°C (32°F to 122°F) operation
- > -20°C to +80°C (-4°F to 176°F) storage.

Dimensions:

- > 23-3/4"H x 8-1/2"W x 5"D

Part numbers:

- > PA03820000 Base PAM 5000 Pump Access Module
- > M08037B002 CRIND Expansion Kit
- > M08037B001 Current Loop Expansion Kit
- > R19000-02 PAM to D-box cable adapter
- > R19000-03 POS to PAM cable adapter
- > R19000-04 POS to CRIND D-box cable adapter

Approvals:

- > UL and cUL Approved.
- > Complies with FCC Class A requirements, Subpart J of Part 15.
- > System-level approvals are the responsibility of the POS vendor.