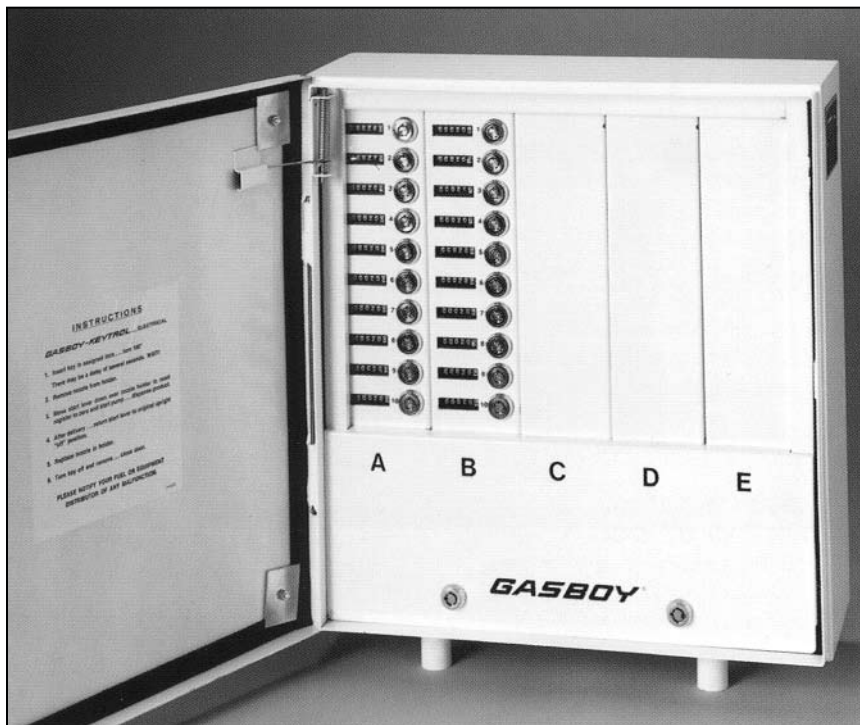


Gasboy® Electronic Keytrol

Simple to install, convenient to use, and requiring no special communication wiring, the Gasboy Electrical Keytrol provides fulltime, unattended surveillance of your fuel sites, virtually eliminating the costly abuses that can occur from unauthorized fuel usage.

Designed to maintain 24-hour fuel management control - this unique system “locks the door” on lost revenues, and “opens the door” to unrealized efficiency and savings.

- Simple, periodic readings of the position totalizers provide an accurate record of the assigned keyholders product use.
- The master console can hold up to 50 lock-totalizer positions, while auxiliary 50-position consoles can be easily added to the extent required.
- Lock-totalizers, which record product usage, are assembled in expandable modules of 5 and 10 for efficient installation.
- Authorized users - such as individuals, departments, or vehicles - are assigned an uncommon security type key specifically designed to work with the system.
- Units can be installed with all models of Gasboy mechanical pumps, as well as with Gasboy 25C and 1820RC electric consumer transfer pumps. The unit is also compatible with most other brand pumps, as long as an acceptable pulse output is provided for accurate measurement.
- Volume delivered is accurately recorded in tenths of a gallon.



Electronic Keytrol Standards and Specifications

MASTER CONSOLE STANDARD FEATURES

Capacity

- Single box with up to 50 lock-totalizer positions.
- Basic assembly includes 10 locktotalizer module.
- Console is expandable in modules of 5 or 10 lock totalizers.

Note: The single master console can be filled with up to five 5 or 10 locktotalizer modules. The sample below is an example of a 45-user console.

10	10	5	10	10
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Lockout Control

Lockouts are instantaneous. The authorized individual simply “flips” switch.

Visible Totalizers

Counters are clearly visible, located adjacent to individual user locks.

Flexible Installation

System can be installed in a variety of ways. Unit can be pump-mounted, wall-mounted, pedestal mounted, dock-mounted, or even suspended in accordance with the requirements of the individual site.

Anti-False Count

Unique circuitry assures accurate registration at all times.

“MISSING” Pulse Detector

This detector monitors the incoming pulses and will shut the system down and sound an alarm if it does not record pulses within a preset time.

Start Delay Relay

This relay requires a preset amount of time to pass after the key is turned off before the system can be reactivated.

Additional Switch Control

Ten miniature switches, located at the base of each ten position module, can be turned off to prevent the use of the position it controls. These switches are concealed behind a locked bezel, denying access to all non-authorized personnel.

Thermostatically Controlled Heater

A 60-watt 115 VAC heating element engages whenever the temperature drops below 40o F, effectively preventing cold weather failure.

Auto-Manual Switch

Any authorized individual may conveniently switch off the Keytrol when desired or required.

OPTIONAL FEATURES

Single Console with Dual Pump Control

Makes it possible to dedicate any combination of positions - up to 50 - to control two separate pumping units.
-Comes wired for maximum of 30 positions for one hose and 20 positions for second hose.
-Note: both the pulse detector and start delay features cannot be used with the dual pump control configuration.

Resettable Inventory Totalizer

This option provides a resettable, cumulative total for all master (and auxiliary) console usage.

AUXILIARY CONSOLE - STANDARD FEATURES

Expansion

The user can add auxiliary consoles to increase the number of users for the master console.
Lock-totalizer units are available in modules of 5 and 10, up to a maximum of 50 lock-totalizers per console.

HARDWARE SPECIFICATIONS

Voltage

- 115 VAC + 10%, 60 HZ.
- 220 VAC, 50 HZ or 60 HZ (Optional)

Pump Motor Relay

25A, 1 HP, 120V/240 VAC, 1 PH.

Temperature Range

-20° to 140° F

System Bypass

“Auto-Man” switch provides system bypass.

Anti-Surge Diodes

Anti-Surge diodes prevent contact erosion due to arcing.

Cabinet

- Dimensions: 18-1/8” H x 17-1/8” W x 6-3/8” D
- Carbon Steel Console (Standard)
- Stainless Steel Console (Optional)
- Finish:
 - Painted to match the dispenser color, or painted white for remotemounted units.
 - Other colors available upon request.

WARNING

Failure to follow these instructions may result in property damage, personal injury or loss of life. Gasboy products must be installed by a qualified installer and used in conformance with all building, fire, and environmental codes and other safety requirements applicable to its installation and use, including, but not limited to, NFPA 30, NFPA30A, and NFPA 70. This product is only part of a fuel dispensing system, and additional equipment and accessories, such as, but not limited to, breakaway connectors, shear valves, pressure regulators, and other safety devices may be necessary to meet the applicable codes. Qualified installers shall be familiar with fuel systems installations under the above stated building, fire, and environmental codes and other safety requirements required for the particular type of installation. Gasboy dispensers shall not be used for the direct fueling of aircraft. All sales subject to Gasboy standard warranty.

