



Consumer and
Corporate Affairs

Consommation et
corporations

Standards

Normes

**NOTICE OF APPROVAL
AVIS D'APPROBATION**

S.WA-964

Ottawa, May 2, 1978

GILBARCO - TRANSAC SYSTEMS - MODELS 8 H.V. AND 10 H.V.

MANUFACTURER: Gilbarco Canada Limited
1360 California Avenue
Brockville, Ontario

DEVICES APPROVED: Cashier's console and accessories for use in self-serve gasoline dispenser systems incorporating Gilbarco Trimline H.V. and Hallmark H.V. dispensers.

<u>System Model No.</u>	<u>Self Service Capacity</u>
Transac 8 H.V.	4 dispensers
Transac 10 H.V.	12 dispensers

The dispensers used in these systems are the same as those earlier approved on S.WA-866, except for being equipped with a different pulser.

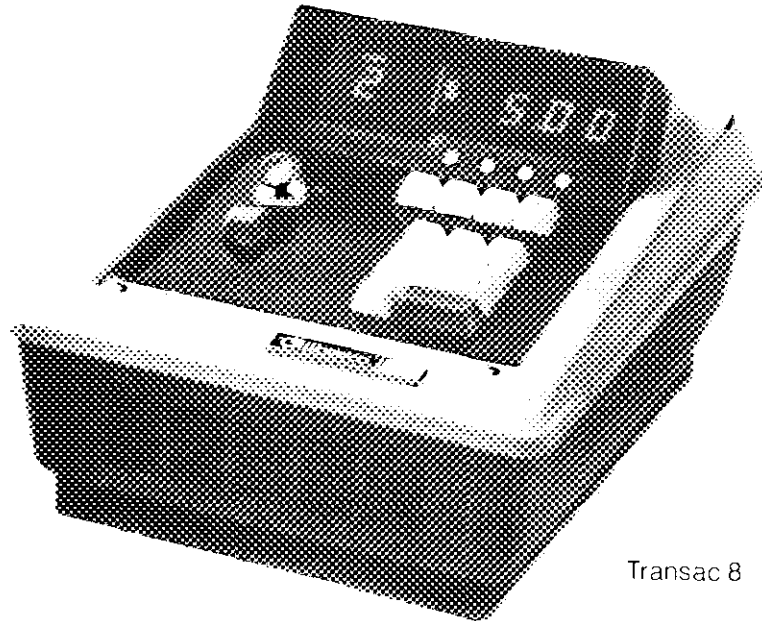
<u>System Component</u>	<u>Model Number</u>	
	<u>Transac 8 H.V.</u>	<u>Transac 10 H.V.</u>
Pulser Unit	PA0214	PA0214
Service Module	PA011600	PA011600
Console	PA01150004	PA01200012
Pulse Transmitter	R14390	R14390

APPLICATION: For use in self-serve gasoline dispensing systems.

DESCRIPTION: These systems utilize a cashier's console that, on a LCD display, indicates the money and volume registration (selectively, one at a time) for up to 12 gasoline dispensers, and permits the operator to maintain control of operation of the dispenser. The console also has facilities for providing other data of interest to the operator, such as inventories in storage, total sales, etc.

Input to the console is obtained by means of a pulser unit which is driven by the money shaft of the dispenser register, the voltage pulses so generated being fed to a microprocessor

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Transac 8

Pump Select Buttons

Pump Status Lights

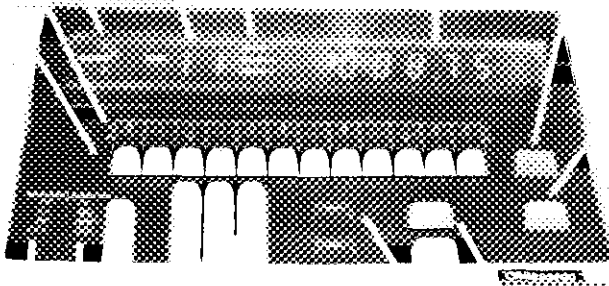
Buffer Memory Indicator

Pump Number

Grade Indicator

Easy-to-read Displays for Sales,
Inventory, Totals

Emergency Stop
Button



Individual
Pump Stop



Manager Modes

Operator/Manager
Key

Volume
Display Button

Buffer Memory
Button

Operator Modes

Keyboard

Paid Button

Grade Selection for
Inventory and Totals

Authorize Button

located within the console. Interface between the console and the dispenser is provided by a service module which incorporates such facilities as power relay to dispenser, emergency stop relay, D.C. power supply, console power switch, etc.

Following programming of the system by entry of such variables as inventories, grades, unit prices, etc., in the console micro-processor, by the manager, the cashier can authorize a customer to begin taking delivery by pressing the "Pump Select" button for the dispenser being used, then pressing the "Authorize" button. On the completion of delivery the sale data is retained in memory at the console until payment is made, following which the operator frees the dispenser memory for the next delivery by again pressing the "Pump Select" and "Authorize" buttons.

The Transac 10 system incorporates a secondary memory unit which is designed to expedite operations by enabling a second customer to be authorized to begin taking delivery before the first customer has made payment.

In addition to the postpay mode as outlined above, these systems may also be equipped with preset features by which means the customer's desired sales total can be entered at the console and payment received before "authorizing" the dispenser that, in turn, will deliver only until the present sale total is reached.

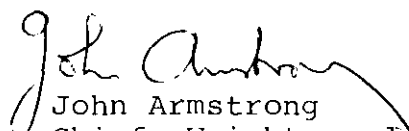
MARKING: On self-serve dispensers there shall be installed on each dial face a permanent legend, in letters at least 3/16" high, and reading as follows:

"In case of disagreement between this register and the cashier's register, this register shall be taken as correct," or "Charges shall agree with this register."

TESTING: The standard tests for self-serve gasoline dispensers shall apply.

REFERENCES: G6953-G188-9
Test Report dated Aug. 1976
Letter of Approval, Aug. 31, 1976

CONDITIONS OF APPROVAL: Approval is granted under the Weights and Measures Act, S.C. 1970-71-72, Chapter 36, and the Weights and Measures Regulations P.C. 1974-1461 of June 27, 1974 for use in Canada under the general conditions of the said Regulations, and under any special conditions listed above.


John Armstrong
Chief, Weights and Measures
Legal Metrology Branch