



Consumer and
Corporate Affairs

Consommation et
corporations

Standards

Normes

**NOTICE OF APPROVAL
AVIS D'APPROBATION**

S.WA-1027

Revision 1

Ottawa, November 7, 1979

GASBOY - ALL-MECHANICAL KEYTROL CONSOLE

MANUFACTURER: Gasboy of Canada Limited
430 Industrial Road
London, Ontario

DEVICES APPROVED: Key-controlled self-serve consoles, adaptable to four (4) makes of bulk plant meters, with applicable Keytrol model numbers being as listed below:

Keytrol Consoles for A.O. Smith Meters

<u>Keytrol Model No.</u>	<u>No. of Key Positions</u>	<u>Keytrol Model No.</u>	<u>No. of Key Positions</u>
31498	10	31565	20
31498MP2	20	*31566	20
31498MP3	30	31616	30
*31499	10	*31617	30
*31499MP2	20	31665	40
*31499MP3	30	*31666	40

* For use with meters with counter clock-wise rotation.
All other models for clock-wise rotation.

<u>Rockwell-Brodie Model No.</u>	<u>Liquid Controls Model No.</u>	<u>Neptune Model No.</u>	<u>No. of Key Positions</u>
32109	PO217A&B	32536	10
--	PO217MP2	32536MP2	20
--	PO217MP3	32536MP3	30
32381	PO227	32537	20
32391	PO237	32538	30
32402	PO247	32539	40

Model PO217B is mounted on the left side of the meter register and is driven by the main horizontal register shaft. All other models are mounted between the meter and the register and are driven by the meter shaft.

Suffix MP2 - indicates 2 product system.
Suffix MP3 - indicates 3 product system.

RATING: Maximum rated shaft speed - 500 RPM.

APPLICATION: For use on approved models of bulk meters to which application of mechanical keytrol is recommended by the manufacturer.

DESCRIPTION: This device is basically the same as the mechanical Keytrol for retail gasoline dispensers which is approved on S.WA-735.

It is designed to permit up to 40 customers, each furnished with a different key, to take delivery from a meter, the delivery volume being indicated on the particular customer's totalizer which is adjacent to his key slot and is visible to the customer.

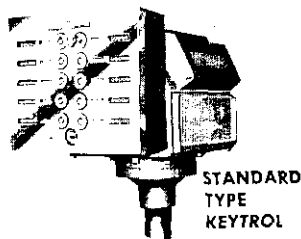
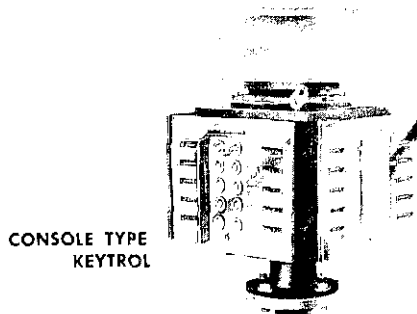
The Keytrol console contains a central drive shaft which is driven either directly by the meter shaft or by the register main shaft, depending upon the cabinet mounting location. Operation of a customer's key simultaneously engages his totalizer with the central drive shaft and readies the liquid system for product delivery.

By means of a mechanical interlock linkage, all other key positions are de-activated when any key is operated. In the case of a meter handling more than one product, thus requiring the utilization of separate keyboxes, the electrical circuit is so arranged that the system becomes de-activated if a key is operated in one keybox when the system is already active from a key in another keybox.

TESTING: The standard tests for a bulk meter shall apply.

REFERENCE: G6953-G239

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 Buchanan

John Buchanan
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Legal Metrology Branch