



Consumer and
Corporate Affairs

Consommation et
corporations

Standards

Normes

**NOTICE OF APPROVAL
AVIS D'APPROBATION**

S.WA-1045

Ottawa, May 19, 1978

WAYNE - GASOLINE DISPENSERS - WITH ELECTROMECHANICAL REGISTERS
DECADE MARKETER SERIES

MANUFACTURER: Dresser Industrial Products Limited
6688 Kitimat Road
Mississauga, Ontario

DEVICES APPROVED: Gasoline dispensers, remote pump type, with electronic computer and electromechanical register, models as listed below:

<u>Model No.</u>	<u>Style</u>	<u>Flow Range</u>	
		<u>GPM</u>	<u>L/M</u>
310-1	One hose, one product	3-12	14-55
312-1	Two hoses, one product	3-12	14-55
313-1	Two hoses, two products	3-12	14-55
323-1B	Two hoses, two products	3-12	14-55

Registration Capacity

Product delivery - 999.99 gallons or litres
Unit price - 999.9 cents
Sale - 999.99 dollars

APPLICATION: Retail gasoline in trade.

DESCRIPTION: These dispensers utilize the same liquid handling components as the Wayne 700 series of dispensers approved on S.WA-460, Rev. 1, the meter being the commonly-used Wayne Model 2PM-5.

The meter drives an optical-electronic pulser, the output of which is fed to an electronic computer that counts the pulses (500/gal.) for summing in gallons and multiplies the sum by the unit price to determine the sale value. The meter also drives a small mechanical totaliser graduated to 0.01 gallon.

The register is electromechanical type in which each numeral block is comprised of 7 plastic segments, the required segments for a particular digit being pivoted into view by magnetic action in response to pulses from the computer.

A spring loaded valve is installed at the hose inlet in order to retain any air or vapour, which otherwise would rise into the hose and out of view, in the sight glass between deliveries.

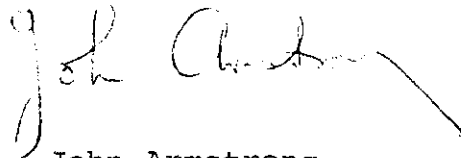
DESCRIPTION (continued)

The model 323-1B is similar to the model 313-1, but the money register is located above the volume register instead of horizontally to the right of it.

TESTING: The standard tests for a gasoline dispenser shall apply.

REFERENCES: G6953-W174-9
Test report dated September 9, 1977

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