



Consumer and
Corporate Affairs

Consommation et
corporations

Standards

Normes

**NOTICE OF APPROVAL
AVIS D'APPROBATION**

S.WA-966

Ottawa, October 18, 1976

CARDINAL DIGITAL WEIGHT INDICATORS
MODELS DWI-2, DWI-4, DWI-5

Manufacturer: Cardinal Scale Manufacturing Co.
Webb City, Missouri

(for) Canadian Scale Company Limited
Toronto, Ontario

Apparatus: Electronic Digital Weight Indicators.
Models DWI-2, DWI-4, DWI-5.

Rating: Indicating capacity may be up to, but not
in excess of the approved capacity of the
weighing system in which the indicator is
installed. Indication may be in avoirdupois
units or in metric units or in both.

Application: These indicators may be used in conjunction
with any approved electronic load cell
weighing system with which they are compatible.

Description: These indicators are intended for use in
weighing applications utilizing one or more
strain gauge load cells. In addition to per-
forming the indicating function the instruments
furnish an appropriate range of excitation
voltages for the load cells used in weighing
systems.

Instrument specifications are as follows:

	<u>DWI-2</u>	<u>DWI-4</u>	<u>DWI-5</u>
Resolution	$\frac{1}{20,000}$	$\frac{1}{12,000}$	$\frac{1}{12,000}$
No. of Load Cells	1 to 10	1 to 4	1 to 4
Transmission Distance (max.)	1000 ft.	500 ft.	100 ft.
Sample Rate	3/sec.	3/sec.	2/sec.
Zero range	1200 grad.	75% of Cap.	50% of Cap.

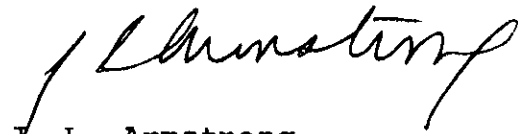
Description(cont'd.)

Indicators may be equipped with taring facilities, overload indicator, motion detector and an output suitable for use with a weight printer and other recording and computing equipment.

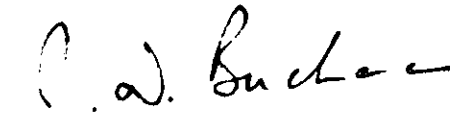
Testing: The standard tests for electronic scales shall apply.

Reference: G6900-C685

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.



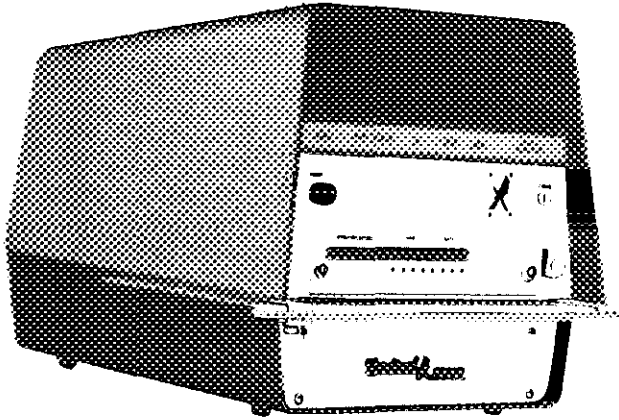
J. L. Armstrong
Chief,
Standards Laboratory



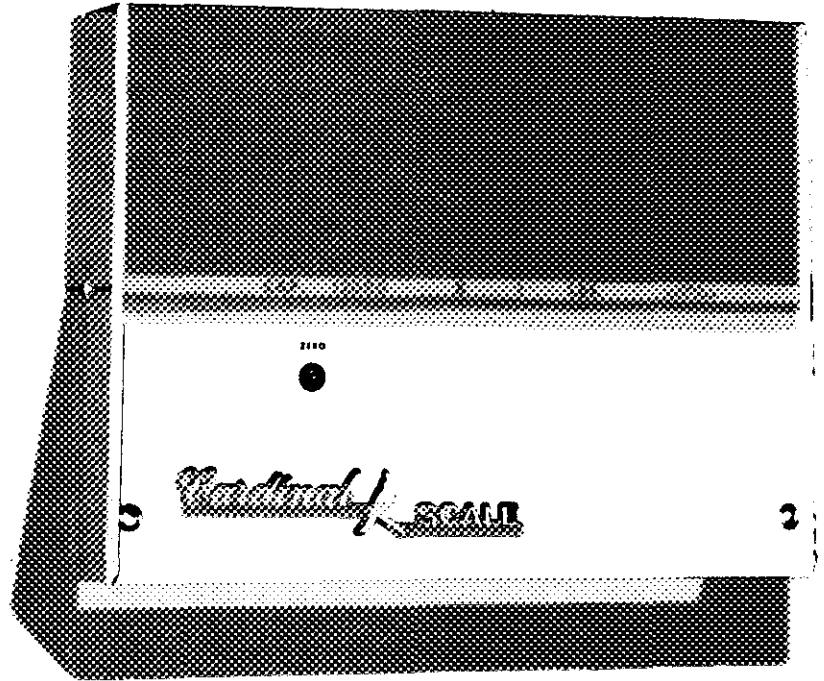
J. D. Buchanan
Acting Chief,
Weights & Measures Division

Legal Metrology and Laboratory Services

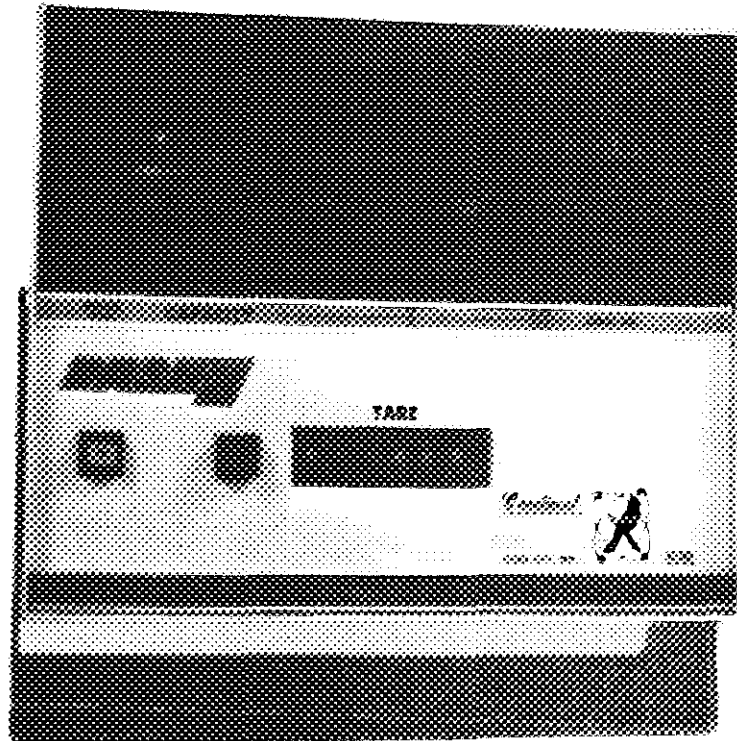
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MODELS DWI-2, DWI-4, DWI-5



DWI-2



DWI-4



DWI-5