



Department of consumer and corporate affairs / Ministère de la consommation et des corporations



STANDARDS BRANCH - DIRECTION DES NORMES

NOTICE OF APPROVAL - AVIS D'APPROBATION

NO.	S.WA-813
DATE	December 1, 1971

CAE VOLUMETER - MARK I

Manufacturer: CAE Electronics Ltd.
Montreal, Quebec.

Apparatus: Volumeter, Mark I

Rating: Maximum volume indication - 125 cu. ft.
Minimum volumetric increment - 0.1 cu. ft.
Maximum linear measurement - 5 feet
Minimum linear measurement - 4 inches.

Application: The measurement and indication of the volume of packaged goods for the determination of shipping charges.

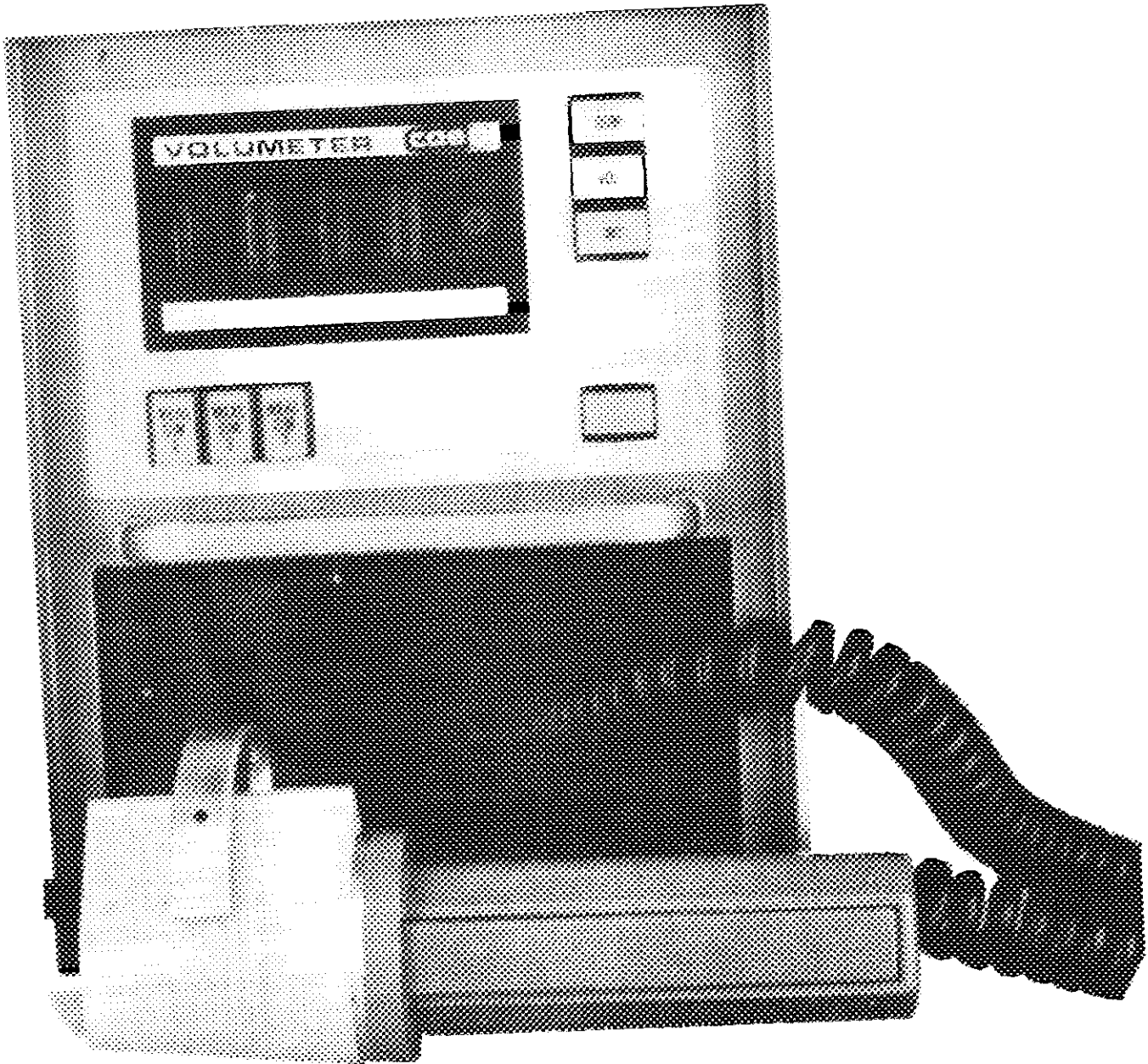
Special Conditions: The use of this device is restricted to warehouses and loading areas of freight transportation companies.

Description: The Volumeter consists of a hand-held measuring head and a main housing containing the volume computing and digital indicating systems.

The measuring head contains a cord-operated rotary potentiometer which generates electrical signals proportional to the length of the cord extended in measuring the dimensions of a package. As each linear measurement is made the proportional signal is registered in the computing system by means of a hand-operated push-bar on the measuring head.

On completion of the required three linear measurements, the bar is operated for a fourth time to bring the computed volume into display. The push-bar is again operated in order to clear the display and ready the instrument for a new set of measurements. The instrument automatically clears itself, if the push bar is not operated within 15 seconds following initiation of volume display.

CAE VOLUUMETER - MARK 1



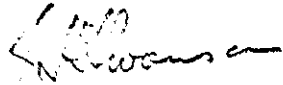
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Testing: Standard linear measurement tests shall apply to length indications, computed extensions shall be correct to within 1% with respect to indications of cubic measurement. ~~and money values.~~

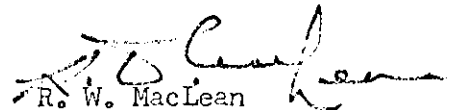
References: SW-85-C22
SL-102-248

Conditions of Approval:

Approval is granted under the Weights and Measures Act, Chapter 292 and Regulations thereunder (P.C. 6894) for use in Canada under the general conditions of P.C. 6894, and under any special conditions listed above.



(for) Chief,
Weights and Measures Division
Standards Branch.



R. W. MacLean
Director,
Standards Branch