



Consumer and
Corporate Affairs

Consommation et
corporations

Standards

Normes

**NOTICE OF APPROVAL
AVIS D'APPROBATION**

S.WA-937

Ottawa, April 27, 1976

BERKEL COMPUTING COUNTER SCALE - MODEL ED-M

Manufactured by: Berkel G.M.B.H.
Duisburg, West Germany.
(for) Berkel Products Co. Ltd.,
Mississauga, Ontario

Apparatus: Computing Counter Scale, Model ED-M.

Rating: Capacity, 26 lb. x 0.01 lb. or metric
equivalent.

Application: The weighing of commodities in trade.

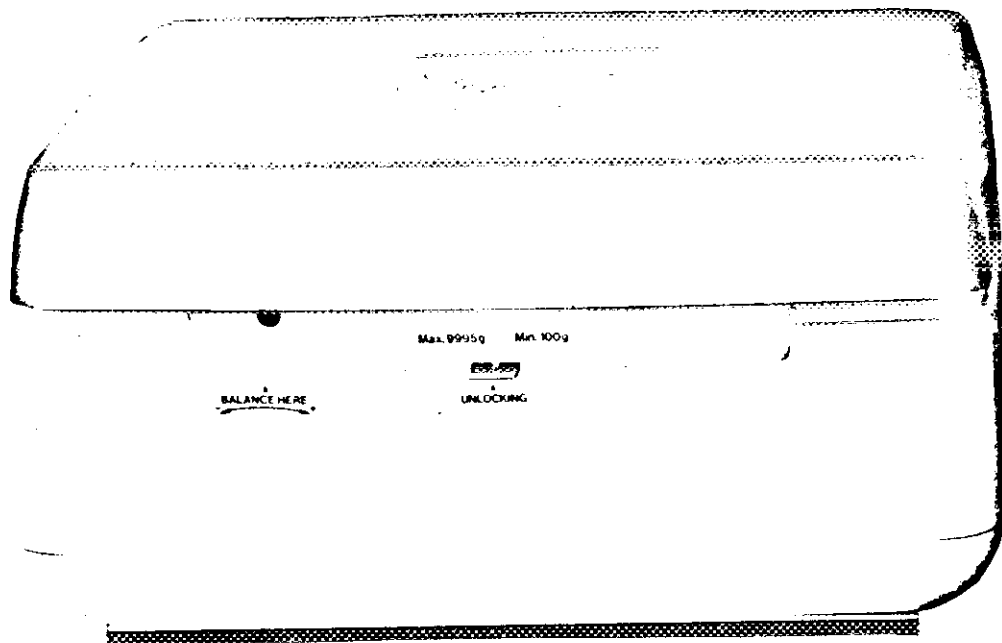
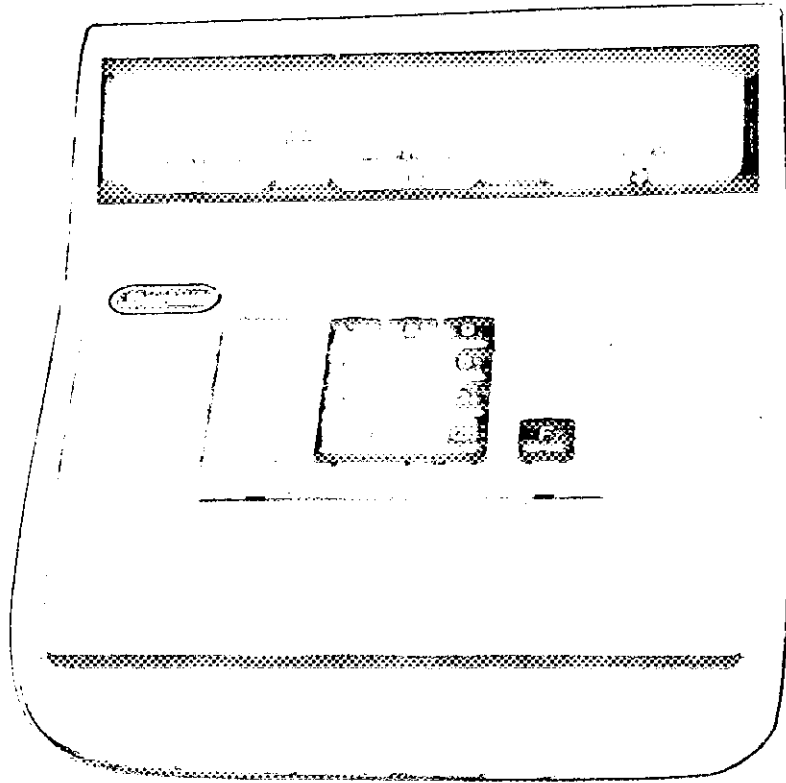
Description: This scale is electronic digital type with
price computing facilities. The weight sensing element is of
the vibrating string type which utilizes the method of mass
comparison to perform the weighing function. The sensing
element has a pair of bronze wires which are subjected to
tension loadings by means of a known preload force and by a
force directly proportional to the load on the weight platter.
Vibrations are generated in the wires by means of electro-
magnets which are energized by the electronic system of the
scale. Weight is determined by comparing the frequencies of the
two vibrating wires.

The weighing mechanism and the control and
readout system are enclosed in separate housings which are
connected by an electrical cable. Unit price settings are
made by the use of a pushbutton console at the front of the
control/readout unit. Total price computation is performed
by the scale electronic system. Weight, unit price, and total
price are displayed by means of numeral tubes.

The scale frames and load support members are
principally of steel construction. Housings are of moulded
plastic material. The load platform is of stainless steel.

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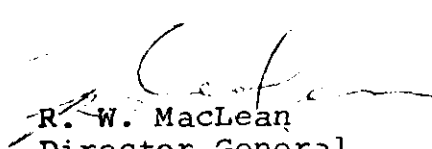
Testing: The standard tests for computing counter
scales shall apply.

Reference: GL1153-57/B367-173

Special Conditions:

1. When installed, the control/readout unit must not be located more than five(5) feet from the weighing unit.

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.


R. W. MacLean
Director General
Consumer Standards Directorate