



NOTICE OF APPROVAL
AVIS D'APPROBATION

S.WA-929

January 20, 1976

ACCU-WEIGH ELECTRONIC COMPUTING COUNTER SCALE

MANUFACTURED BY: Yamato Scale Co. Ltd.
Akashi, Japan
(for) Metro Equipment Corp.,
Santa Clara, California

APPARATUS: Computing Counter Scale, Model C-10.

RATING: Capacity, 10 pounds or 5 kilograms.

APPLICATION: The weighing of commodities in trade.

DESCRIPTION: This scale is equipped with a single load lever, fabricated of steel and supported by ball bearings. Load is resisted by means of a pair of temperature compensated helical springs connected in parallel. A coded glass chart is fitted to the moving end of the load lever.

The read-out system consists of a lamp, the coded glass chart, a system of lenses, and a bank of photo cells. By means of this system, the weight analogue provided by means of the coded chart is translated into electrical signals which are conditioned to provide digital data for weight indication and computation of total price.

Unit price settings are made by the use of a pushbutton console. Total price computation is performed by an electronic system within the scale. Weight, unit price, and total price are displayed by means of light emitting diodes.

The weighing mechanism is supported by a fabricated steel frame. Scale housings are of moulded plastic material. The load platter is of stainless steel. Scales are equipped with levelling feet and a level indicator.


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

REFERENCE: GL 1153-57/Y28

January 20. 1976

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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
Standards Directorate

