



Consumer and
Corporate Affairs

Consommation et
corporations

Standards

Normes

**NOTICE OF APPROVAL
AVIS D'APPROBATION**

S.WA-886

Ottawa, October 8, 1975

DOVE ELECTRONIC COMPUTING COUNTER SCALES

Manufactured by: Kubota Ltd.,
Tokyo, Japan

for: J. B. Dove Incorporated
Subsidiary of Franklin Electric
Levittown, Pa., U.S.A.

Apparatus: Electronic Computing Counter-Scale

<u>Model No.</u>	<u>Capacity</u>	<u>Indication</u>
15	15 lb. x .01 lb.	Side View
15 F	15 lb. x .01 lb.	Front View

The above listed scales may be equipped with either or both of the following -

- I Electronic push button tare device
- II Label Printer, Model P15

Rating: Capacity is as quoted above.

Application: The weighing and pricing of commodities in trade.

Description: This scale utilizes a double pendulum load resistance system, with platform motion being transmitted directly to the pendulum assembly. The platform is borne by a stabilized load support frame which is connected to the pendulums by means of a pair of metal cables. A grating plate is fitted to one of the pendulum arms.

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

October 8, 1975

.../2

Description: (cont'd)

Unit price settings are made by the use of a pushbutton console. Total price computation is performed by an electronic system within the scale. Numeral tubes are used to display the weight, the unit price and the total price. Unit price settings may be based on units of 1 pound, $\frac{1}{2}$ pound, or $\frac{1}{4}$ pound.

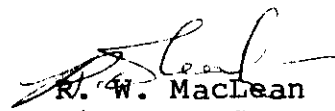
The label printer is activated by means of a pushbutton. Printed labels show the weight, unit price and total price.

Scale housings are of cast light alloy and sheet metal. The load platter is of sheet aluminum. The label printer is enclosed in a sheet aluminum housing.

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

Reference: GL1153-57/K96-393

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

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