



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



STANDARDS BRANCH - DIRECTION DES NORMES

## NOTICE OF APPROVAL

S.WA-667

OTTAWA, September 10, 1969.

Approved: TOLEDO VALUEMATIC PREPACKAGING SCALES - MODELS 8000, 8001

manufactured by Toledo Scale Co. of Canada Ltd., 2462 Howard Ave., Windsor, Ont.

Apparatus Listed: Prepackaging System consisting of the following:

Mechanical Scale with Weight Encoder  
Electronic Price Computer  
Label Printer

Model 8000 (Valuematic) is a single-unit system, all components being housed in the same enclosure.

Model 8001 (Valuematic II) supersedes Model 8000. Model 8001 is a three-unit system, the scale, computer and printer each being housed in a separate enclosure.

Rating Of Apparatus: Maximum capacities are -

Model 8000 - 25 lb. x 0.01 lb.

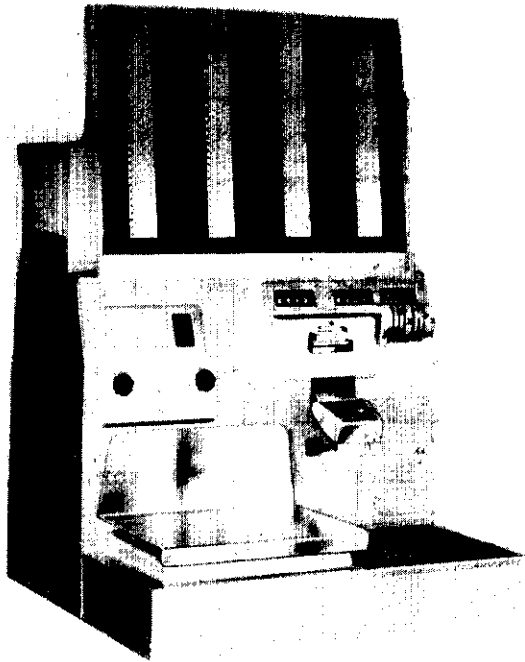
Model 8001 - 25 lb. x 0.01 lb.

Maximum unit price is \$9.99 for both models.

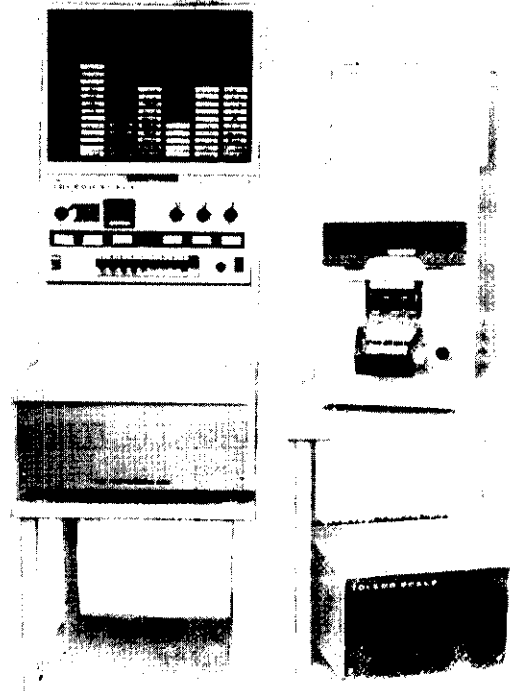
Application: The weighing of prepackaged commodities in trade.

Special Conditions:

- I. Scales shall be marked "FOR PREPACKAGING ONLY". This marking must be in a location which is readily visible to the operator, and must be of a permanent nature with letters at least 3/16" high.
- II. Scales shall not be used for direct sales to customers.
- III. Scales shall not be installed on the retail premises of any business establishment, unless in a prepackaging room separate from the retail area.



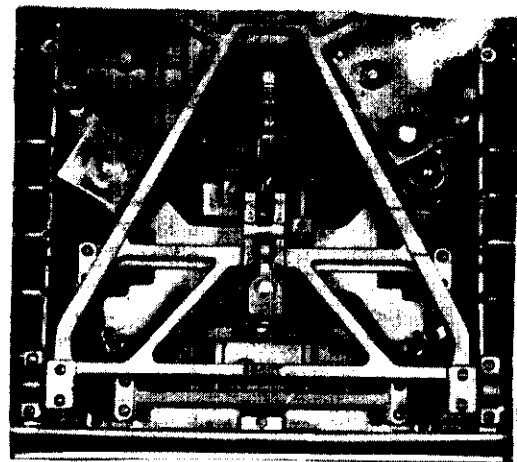
**8000 SYSTEM**



**8001 SYSTEM**



**LEVER SYSTEM - OLD STYLE**



**LEVER SYSTEM - NEW STYLE**

**Description:** These scales are spring-resistance type with a main load lever of cast construction and triangular form. All fulcrum and load bearings are enclosed ball bearing assemblies.

As shown by illustrations on this circular, certain differences exist between the lever system of scales of current production, and the system used in earlier models. On current models the platform load is transmitted to the main load lever by means of a single centre-mounted ball bearing. Earlier models utilize outboard load bearings, one on each side of the main load lever.

Visual weight reading is provided by means of an optical projection system. In addition, the weight is translated into electrical code for computer use. The encoder is of the optical type, utilizing a code disc and a group of photocells.

The computer is furnished with unit price data as selected by manually-operated knobs or levers. The Model 8001 computer is programmed by means of solid state logic. Relay logic is used in Model 8000.

The printed labels display package weight, unit price, total price and name of commodity. The Model 8001 label printer utilizes a rotary printing mechanism. A carriage and yoke mechanism is used in the Model 8000 printer.

On Model 8000, tare setting is performed by means of a continuously-variable rotary control knob. On Model 8001, tare may be set by a control knob as above, or push button operation may be used to select any one of nine preset tare values.


**Testing:** The standard tests for computing prepackaging scales shall apply.

**References:** SW-85-T6  
SL-102-617

**Note:** 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.