



Consumer and
Corporate Affairs

Standards

Consommation et
corporations

Normes

**NOTICE OF APPROVAL
AVIS D'APPROBATION**

S.WA-946

Ottawa, November 12, 1976

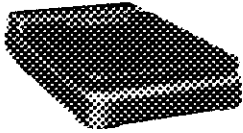
TOLEDO ELECTRONIC COUNTING SYSTEM - MODEL 8180

- Manufacturer: Toledo Scale,
Division of Reliance Electric Ltd.,
Windsor, Ontario
- Apparatus: Electronic Counting System, Model 8180,
consisting of a control and display console
in conjunction with a sample scale and a
gross weight scale. Both scales may be of
any approved types of Toledo electronic
scales which are compatible with the system.
- Rating: System capacity may be equal to but not in
excess of the approved weighing capacities of
the scales incorporated in the system.
- Description: This system consists of a control and display
console connected to two electronic weigh
scales, a "Sample" scale which is loaded with
the required sample(s) of the articles being
counted and a "Gross Weight" scale which carries
the lot of article being counted. The count
value of the lot on the gross weight scale is
computed and displayed at the console. The
weight of the lot may also be displayed by the
operation of a selector switch.
- The display utilizes gas discharge tubes, with
six digits being provided. The system delivers
a BCD output which may be used to operate a
printer or other equipment.

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TOLEDO ELECTRONIC COUNTING SYSTEM - MODEL 8180

GROSS SCALES



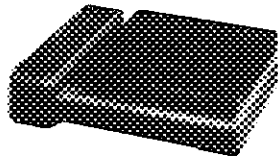
100, 200, 500 and 1,000 pound capacity



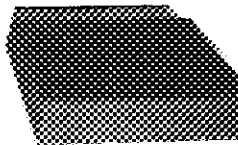
5 and 10 pound capacity



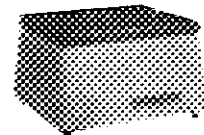
1,000, 2,000 and 5,000 pound capacity



100 and 200 pound capacity

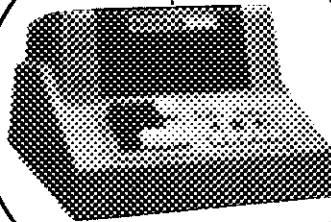


1,000 and 2,000 pound capacity



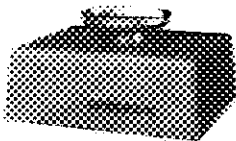
20, 50 and 80 pound capacity

Toledo Model 8180

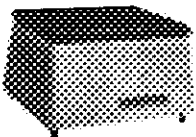


FIXED SAMPLE

SAMPLE SCALES



2 pound capacity

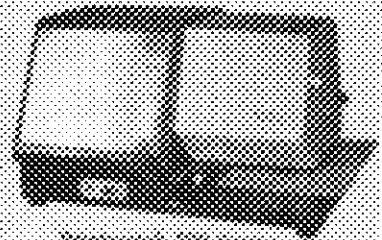


20, 50 and 80 pound capacity



5 and 10 pound capacity

PRINT-OUT DEVICES



Thermal printer



Computer hard punch



Dot matrix printer

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Description (cont.d)

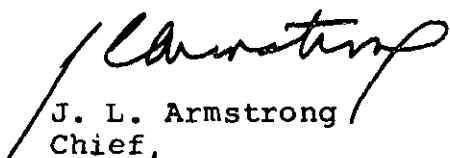
The console may be "Fixed Sample" type or "Variable Sample" type. The fixed sample console is limited to operation with any one of five preset sample quantities, being 1, 2, 5, 10 or 20 samples, with pushbutton selection. With the variable sample console a sample quantity anywhere from 1 to 999 may be selected.

The console may have a general purpose enclosure for desk top use or may be provisioned for wall mounting with a dust tight enclosure.

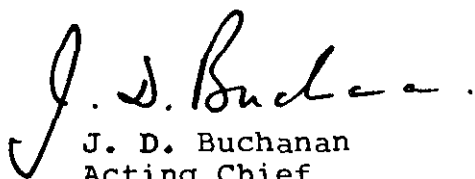
Testing: The standard tests for counting scales shall apply.

Reference: G6900-T170-6

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.



J. L. Armstrong
Chief,
Standards Laboratory



J. D. Buchanan
Acting Chief,
Weights and Measures Division

Legal Metrology and Laboratory Services