



DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

S.M.A.-29
Revision 2

OTTAWA, November 4, 1966.

APPROVED: TOLEDO COMPUTING COUNTER SCALE GUARDIAN 70, Models 1100 and 1110

manufactured by Toledo Scale Company of Canada Limited, 2462 Howard Avenue,
Windsor, Ontario.

Apparatus Listed: Computing counter scale with Duplex Indication, models 1100
(horizontal indication), 1110 (angle indication).

Rating of Apparatus: 10 lb., 15 lb., 18 lb., 24 lb., and 30 lb., dependent on the
chart used.


Application: For weighing commodities in retail trade.


Description: These devices are counter computing cylindrical chart type scales
with balancing torque supplied by double pendulums. The platform has four
point support, and motion is transmitted to the chart cylinder by a rack
and pinion. An oil type dash-pot provides damping and ensures rapid readings.
Level indication is provided in the base of the scale at the extreme front.
Zero adjustment is effected by means of a balance weight and screw combination.
The chart indication on the vendor's side is viewed through magnifying lenses
set in four apertures; parallax errors are minimized by the depth of these
apertures, which ensure automatic alignment of chart and indicator by the
observer. On the customer's side, an aperture is provided through which weight
indications may be observed.

Testing: The standard tests for a counter computing scale shall apply.

Reference: SW-85-T6
SI-102-79

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.


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