



SD-WA.79

DEPARTMENT OF TRADE AND COMMERCE
STANDARDS DIVISION

OTTAWA, January 13th, 1951.

NOTIFICATION OF TYPE LISTING

Under the provisions of the appropriate Act the apparatus specified and illustrated herein has been listed as a Class A device, and may be used in Canada in accordance with the conditions applicable to this classification.

Authority: Weights and Measures Act, Chapter 212, R.S. 1927, and Regulations thereunder (P.C. 3459).

Apparatus Listed: Model DA-5, equal arm moisture test scale manufactured by The Torsion Balance Company, Clifton, New Jersey, U.S.A.

Rating of Apparatus: 120 grams maximum capacity.


Applications: For ascertaining the moisture content of cheese, butter, and other commodities.

Conditions: As prescribed in P.C. 3459.

Description: The scale is housed in a white enamel housing. The stays which support the pans protrude through openings in the top of the case and the hand operated zero adjusting control protrudes through the end of the casing. The mechanism is equipped with a 2 bar beam, each bar having a poise. The upper bar is graduated in 100 spaces of 10 numbered divisions to a capacity of 10% which equals 1 gram. The lower bar is graduated in 10 divisions, from zero to 100% capacity, which equals 10 grams. The chart and indicator is of the over and under type and is viewed through a window in the casing. The scale mechanism is of the equal arm torsion type. Steel bands under tension taking the place of pivots. The bands are supported by three trusses, the central truss carrying the fulcrum band being fixed. The upper and lower levers are clamped to the appropriate steel bands. The scale has two slotted adjustable weights on the top and bottom lever for adjustment of the center of gravity of the beam assembly. The scale is equipped with levelling feet and an arresting mechanism.

Testing: The standard tests for an equal arm scale of similar capacity shall apply and the scale should be sensitive to .02 grams.


C. S. Phillips,
Assistant Director (W&M),
Standards Division.


R. W. MacLean,
Director,
Standards Division.

Reference A-175.

TORSION BALANCE MOISTURE TEST SCALE

MODEL DA-5

