



TRADE AND COMMERCE
CANADA

STANDARDS DIVISION

OTTAWA, December 12, 1955.

APPROVAL LISTING

Moisture Test Equal Arm Scale - Manufactured by
Torsion Balance Company, Clifton, New Jersey, U.S.A.

Under the provisions of the Weights and Measures Act, Chapter 292, R.S.C. 1952, and Regulations thereunder (P.C. 6894), the apparatus specified and illustrated herein has been listed as an approved device and may be used in Canada in accordance with the conditions applicable.

Apparatus Listed: Model DB-5 moisture test scale.


Rating of Apparatus: 120 grams maximum capacity.


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

Conditions: As prescribed in P.C. 6894.

Description: This device is an equal arm moisture test scale with steel bands under tension taking the place of pivots. The leverage system is similar to Model DA-5 approved on circular SD-WA.79 except that the metal bands in this case are made of "Elgiloy" to improve corrosion resistance. A single platter is used for the load, and resistance to load is provided by a double bar beam with poises. One bar for tare and balance use and the second bar designed for percentage readings 0 to 100% when a 10 gram sample is used and also to weigh 2.5 and 10 gram samples. This second bar is fitted with a vernier type poise for percentage readings located on a threaded spindle and also with a sliding poise for weighing. Coarse balance is achieved by moving a poise weight on an ungraduated rod. The scale is encased in a baked enamel housing with the locking knob protruding through the front of the casing.

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


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R.W. MacLean,
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Reference: A-348

TORSION BALANCE
MOISTURE TEST SCALE

SD-WA-245

MODEL DB-5

