



STANDARDS DIVISION

OTTAWA, September 27, 1957.

APPROVAL LISTINGGARVENS BENCH SCALE, MODEL O. T.

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: Bench scale with optical registration and tare beam, Model O.T., manufactured by Garvens Waagenfabrik, G.M.B.H., Hanover, Germany.

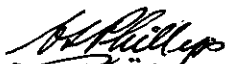
Rating of Apparatus: Capacities: 40 lbs., 60 lbs., 100 lbs., 200 lbs., 20 kg., 30 kg., 50 kg., and 100 kg.

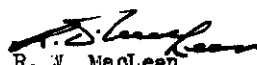
Application: General trade use.

Conditions: As prescribed in P.C. 6894.

Description: This device is a bench platform scale with optical means used to project the enlarged image of a section of a graduated quadrant on a reading screen. A single bar tare beam with two poises is supplied. The underdeck leverage system consists of two fabricated steel offset T levers of the first order connected to a transfer lever which transfers power to the tare beam lever located in the head. The resistance to load is provided by a pendulum and cam assembly connected by a steel ribbon to the beam lever. The graduated transparent chart is supported by an arm of the pendulum and has a motion relative to the beam lever. This chart is located between a light condenser lens and a projection lens, and the image of the graduations is transferred by a system of mirrors to the viewing screen. This screen is provided with a stationary reading line. Pivots and bearings are hardened steel and the scale components are encased in aluminum alloy housings.

Testing: The standard tests for a platform dial scale shall apply.

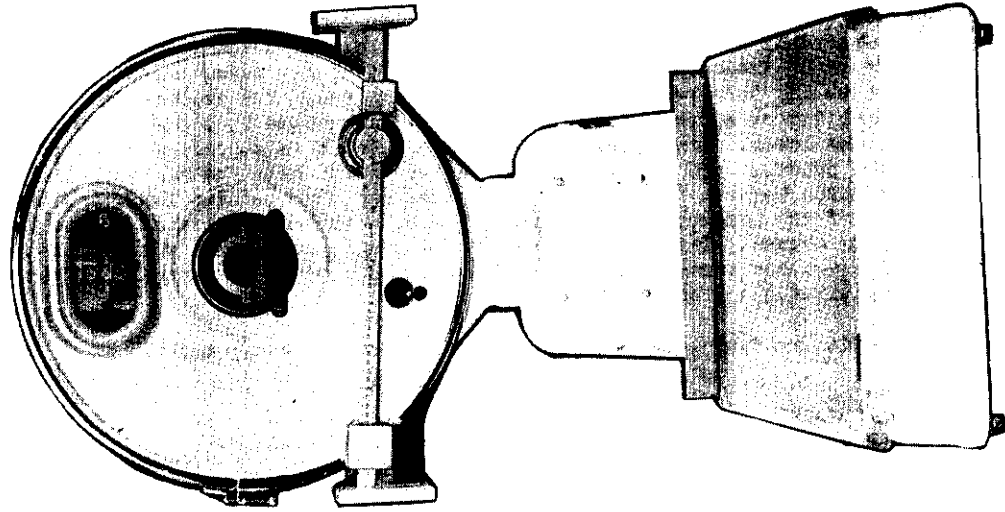

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Reference: A-447

SD-A-319

GARYNS BENCH SCALE, MODEL O.P.



Underdeck Leverage System

