



DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

S.WA-621

OTTAWA, July 20, 1966

APPROVED: BIRO OPTICAL COMPUTING COUNTER SCALE, MODELS OP-8 AND OP-15

manufactured for the Biro Manufacturing Company, Marblehead, Ohio, U.S.A. by the Bizerba-Werke Wilhelm Kraut KG, Balingen, Germany.

Apparatus Listed: Computing Counter Scale Models OP-8 and OP-15.

<u>Rating of Apparatus:</u>	<u>Model</u>	<u>Capacity</u>
	OP-8	8 pounds
	OP-15	15 pounds.

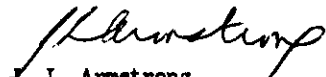
Application: Weighing commodities in retail trade.

Description: These devices are counter computing scales employing light beams, and a transparent chart whose movement is so synchronized with the scale movement as to allow two systems of condenser and projection lenses with mirrors to be used for projecting images of weight and total price on a screen. The reading line is a definite colour separation reading edge. The price per pound is set manually by the two operating levers on the side of the scale. These devices utilize four main load bearing supports and dual opposed pendulums as the resistance. The chart reticule is mounted directly on one of the pendulum levers. The zero adjustment is of the slot-in-spindle type to allow adjustment by a screwdriver.

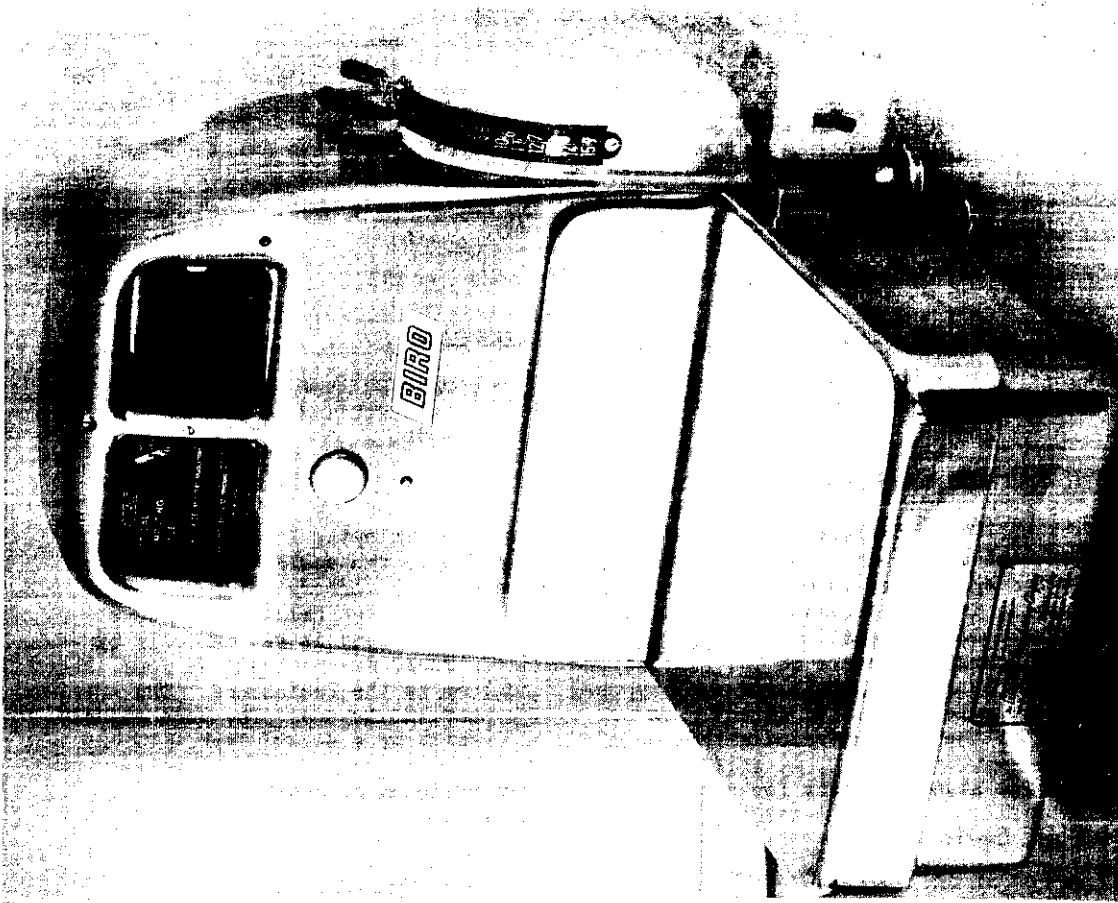
Testing: The standard tests for a computing counter scale shall apply.

Reference: SW-85-B12
SL-102-431C

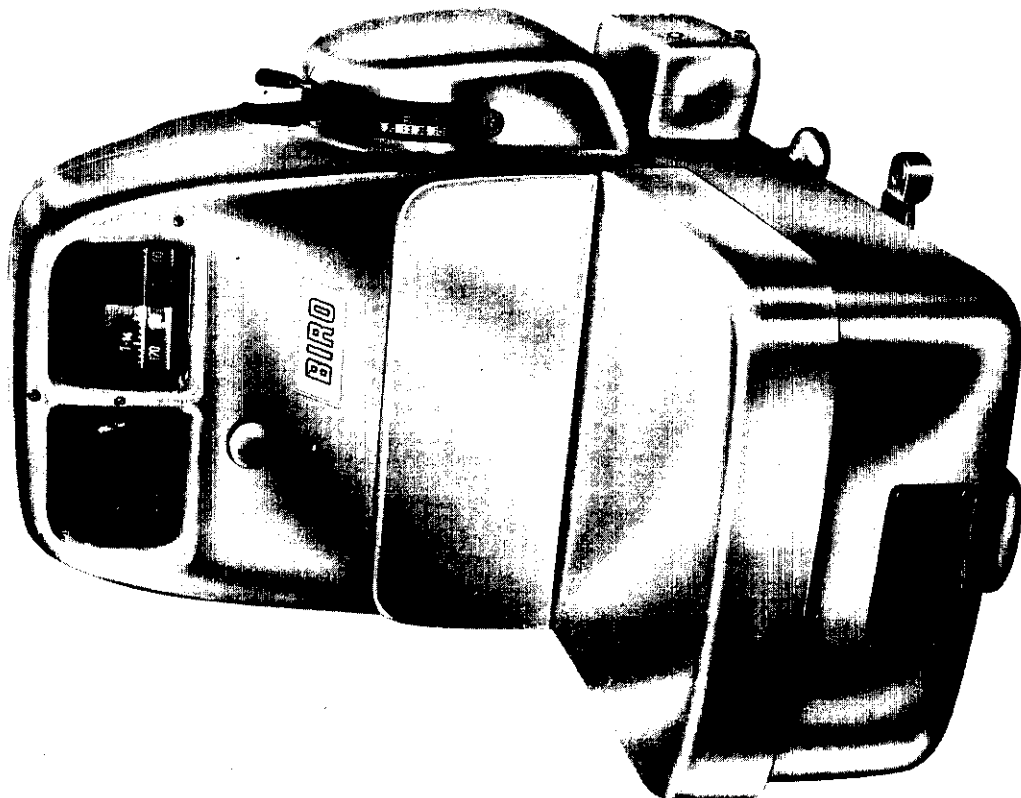
Note: Approval is granted under the Weights and Measures Act, Chapter 292, and Regulations thereunder (P.C. 6894) for use in Canada under the general conditions of P.C. 6894, and under any special conditions listed above.


J. L. Armstrong,
Chief, Weights and Measures Division,
Standards Branch.

R. W. MacLean,
Director,
Standards Branch.



MODEL OP-15



MODEL OP-8