

TRADE AND COMMERCE
CANADA

SD-EA.279

STANDARDS DIVISION

OTTAWA, January 11, 1957.

TYPE APPROVALBRISTOL TYPE "RB560" 'DYNAMASTER' BRIDGE-TYPE RECORDER

The apparatus specified herein has been duly approved by the Standards Division under the provisions of the Electricity Inspection Act, Chapter 94, R.S. 1952, and may be admitted to verification in Canada.

Apparatus Approved: Type "RB560" 'Dynamaster' Bridge-type Recorder, manufactured by The Bristol Company, U.S.A., and distributed in Canada by The Bristol Company of Canada Limited, 71-79 Duchess Street, Toronto 2, Ontario.

Description: The 'Dynamaster' is a high-speed, continuous-balance, null-type electronic instrument available either as a potentiometer or bridge. The potentiometer type was approved in Circular SD-EA.82 of June 30, 1952. This approval covers the instrument in its bridge form when used with a variable resistance as the external sensing element. Any change in value of the sensing element, which forms one leg of the bridge circuit, causes an unbalance of voltages in the bridge. The voltage due to unbalance is amplified by a high-gain amplifier and operates the balancing motor to restore balance in the bridge.

Limitations: Any recorder in which a re-transmitting device is used to supply a billing meter must have special approval for the particular installation in which it will be used.

E. F. Power

E. F. Power,
Assistant Director (E&G),
Standards Division.

R. W. MacLean
R. W. MacLean,
Director,
Standards Division.

Ref: A-471

