



OTTAWA April 14, 1961.

TYPE APPROVALBRISTOL TYPE "P12H560" 'DYNAMASTER'  
MULTI-POINT RECORDING POTENTIOMETER

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

Apparatus Approved: Type "P12H560" 'Dynamaster' Recording Potentiometer, manufactured and distributed in Canada by the Bristol Company of Canada Limited, 71-79 Duchess Street, Toronto 2, Ontario.

## Rating of Apparatus:

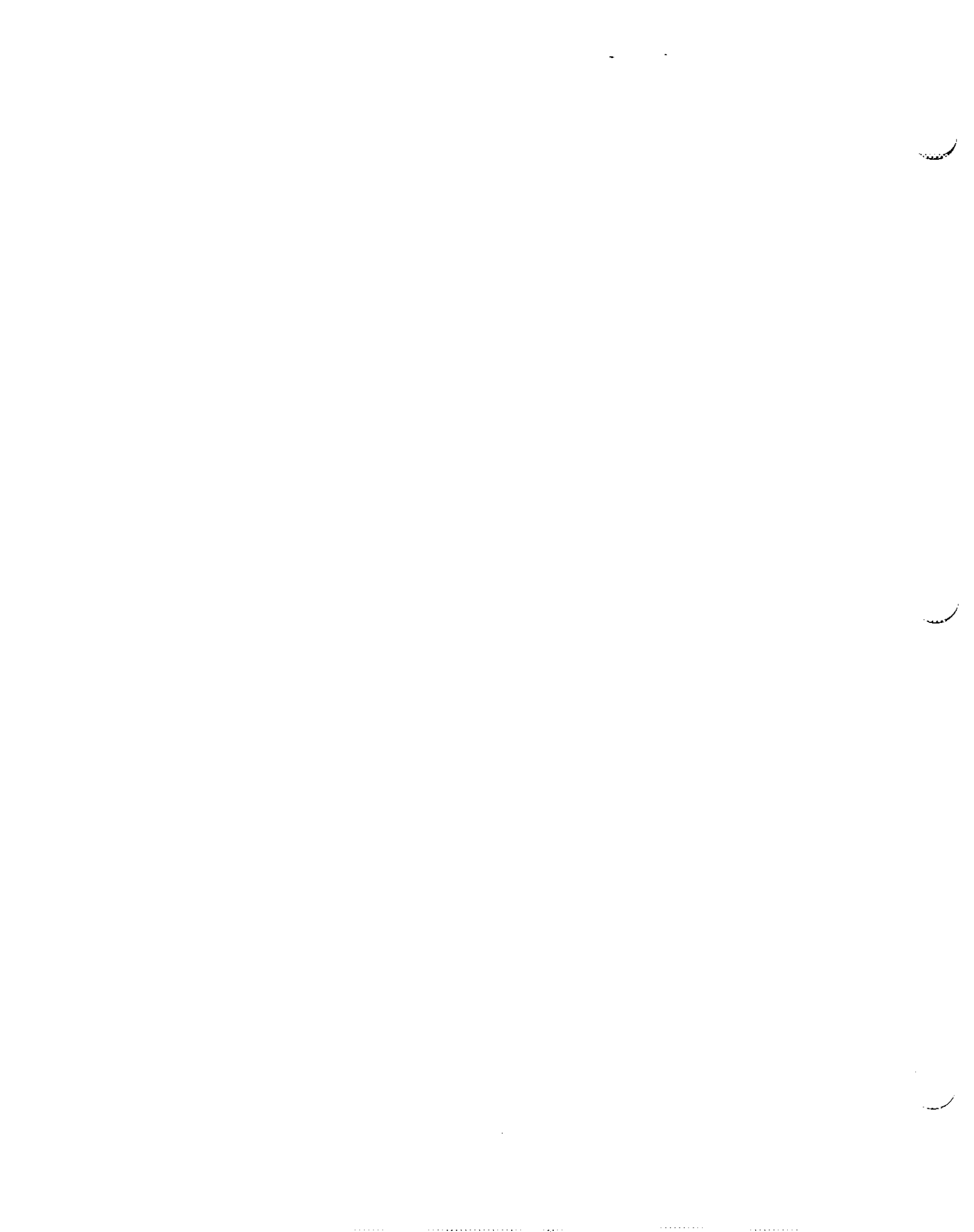
★ Millivolt Input or Inputs .....	Ranges up to 1500 millivolts
Records .....	2, 3, 4, 6, 8, 10, 12, 16, 20, 24
Type of Record: 2 to 6 records ....	Contrasting colour dots, or contrasting colour dots and numerals
2 to 24 records ...	Purple dots and numbers
Pen Speed .....	24, 12, 4 $\frac{1}{2}$ , 3 or 1 second for full scale travel
Chart Speed .....	$\frac{3}{4}$ " per hour to 4" per second
Printing Intervals .....	60, 30, 15, 8, 4, 2 seconds between points
Chart .....	Roll, 12 $\frac{1}{4}$ " wide, calibrated width 11"
Supply .....	120 volts, 60 cycles
Standardization .....	Zener Diode regulated voltage reference source
Maximum External Resistance .....	4000 ohms

★ The kilowatts, megawatts or other power function which the millivolts represent shall be shown on the nameplate or scale.

Description: The instruments approved under this circular will appear as types "2P12H560" to "24P12H560", the prefix numbers 2, 3, 4, 6, 8, 10, 12, 16, 20 or 24 indicating the number of points printed. The "12H" in the type designation refers to the Zener Diode controlled voltage source and the "560" indicates the standard strip chart case -(see Circular S-EA.499).

These instruments are identical with respect to measuring circuit, amplifier, balancing motor and slide-wire to the 1-pen and 2-pen models "1P12H560" and "2P13H570" receiving approval under S-EA.499 of April 14, 1961

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except for the rotary switch located on the back of the swinging panel. The function of the switch is to select the measured variables in turn. The printing mechanism consists of an engraved print wheel and a felt taking pad assembly.

This recorder is approved for use unsealed.

*E. F. Power*

E. F. Power,  
Chief, Electricity & Gas Division,  
Standards Branch.

*R. W. MacLean*

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Director,  
Standards Branch.

Ref: A-258B

