

The Bristol Company

Pioneers in Process Control Since 1889
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THE BRISTOL CO. OF CANADA, LTD., 64 Princess Street, TORONTO, ONT., CANADA
BRISTOL'S INSTRUMENT CO., LTD., North Circular Road, LONDON, N. W. 10, ENGLAND

TRADE-MARK

BRISTOL'S

REG. U. S. PAT. OFFICE

Recording Pressure Gages



Recording Pressure Gage Model 40M

For securing continuous day and night records of pressure or vacuum for steam, air, gas and liquids. Furnished with charts reading in pounds, ounces, feet, inches, metric or any other desired units for ranges from full vacuum to 12,000 lb per sq. in.

Recording, Indicating Thermometers
For all commercial ranges from 60° F below to 1000° F above zero.

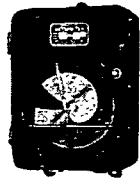
Electric Indicating Thermometer indicates temperature at any number of distant points.

Metameter for Telemetering

Consisting of (1) a recording receiver in your office or other central place, (2) a transmitter at the far point where the measurement is made, and (3) a simple circuit of two small gage wires (or any existing telephone line) for carrying the electric impulses automatically sent out by the transmitter, the Metameter tells accurately and instantly how pressure, temperature, or flow is fluctuating at any point a hundred feet or several thousand miles away.

No interference with or from power, light or telephone lines. Easy to read 12 in. diameter chart, with wide open scale. D.C. or A.C.; 25 or 60 cycles; self-checking.

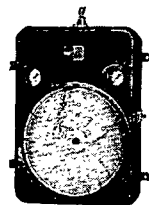
Automatic Temperature Control



Metameter Transmitter, Model M35T

A complete line of Automatic Control Instruments is available for temperatures up to 3000° F. These are suitable for application to steam, oil, gas and electric heated equipment. Both electric and air operated models are furnished.

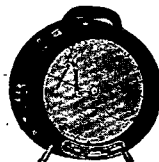
Since Bristol makes both control instruments and automatic valves, it is able to develop the complete control system as a unit. Bristol has the experience and facilities correctly to engineer the system and to assume individual responsibility for the success of the results secured.



Free Vane Temperature Recorder Controller, Model 5240M

Direct Reading Relative Humidity Recorder

Chart record shows at a glance the trend of humidity condition. Novel vapor-sensitive hygroscopic element. Special aging process assures sustained accuracy. Eliminates calculation, and use of humidity tables. No water required. No fan used. Accurate below freezing temperature. Light portable corrosion-resisting case.



Thermo-Humidigraph, Model 4069

Flow Meter for Steam, Liquids, Gas

Employs orifice and mercury manometer system of measurement. Meter body is of forged steel, with stainless steel parts inside the mercury chambers. All connections are welded or mechanical. The stuffing box is of hardened stainless steel. Grease-packed and leak-tight.

For working pressures up to 1000 lbs. Special bodies available up to 3000 lbs.

Industrial Stem Thermometers

With plain or red background. Fixed thread union connection or socket design. Straight form, or rear oblique, right side and left side angle forms.

Wet- and Dry-Bulb Psychrometer

Accurate and dependable instrument by which relative humidity or atmospheric moisture may be determined. Available in self-contained and distance types.

Brown Instrument Division

of Minneapolis-Honeywell Regulator Co.

Main Office and Plant

Philadelphia, Pa.

Equipment available through more than sixty Minneapolis-Honeywell Branch Offices

See list of offices under Temperature Control Classification on Page 1114 of THE GUIDE

Brown Instruments

The extent to which air conditioning equipment is being used in office buildings, theatres, stores, industrial buildings, etc., has opened up a wide demand for indicating and recording resistance thermometers because the temperatures throughout these air conditioning systems should be checked periodically to get the best results at minimum operating cost.

Indicating

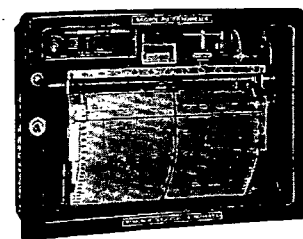
To obtain uniform conditions from modern equipment, it is necessary that the one in charge have a visual picture of actual conditions. If the individual units of the system are controlled automatically, the operator will know when this control is adequate and when it is not. Whether automatic or manual, the Brown Resistance Thermometer will detect all variations, allowing the operator to maintain the conditions as set forth in the specifications.

Recording

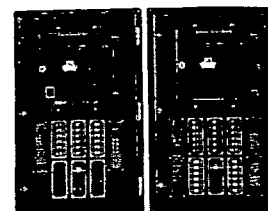
Uniformity of temperature and the consequent control of humidity depends on reliable facts obtained concerning wet- and dry-bulb temperatures.

Controlling

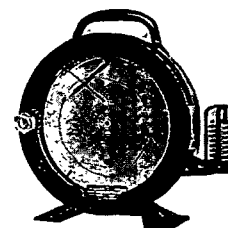
Because the three-lead Brown Resistance Thermometer is entirely independent of variations in lead resistance, variation in bulb location lengths, number of bulbs, etc., it affords an excellent means of obtaining reliable results. Bulbs may be placed at will or changed from one location to another; instruments may be moved about, and readings or records taken without any delay due to recalibration of leads, instruments or bulbs.



Brown Recording Resistance Thermometer



Brown Balanced Bridge Type Resistance Thermometer and Multiple Key Switch Panel



Brown Portable Thermometer

In addition to Resistance Thermometers, the Brown Instrument Division manufactures:

Thermometers
Hygrometers
Pressure and Vacuum Gauges
Potentiometer Pyrometers

Flow Meters
CO₂ Meters
Tachometers
Liquid Level Gauges

Write for catalog on "Brown Instruments for Heating, Ventilating and Air Conditioning" which includes a complete set of sample specifications

See also Pages 1114-1115