Consolidated Ashcroft Hancock Co., Inc.

Bridgeport, Conn.

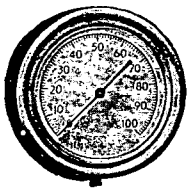
BRANCHES IN PRINCIPAL CITIES

Makers of AMERICAN INDUSTRIAL INSTRUMENTS—Since 1851

Subsidiary of Manning, Maxwell and Moore, Inc.

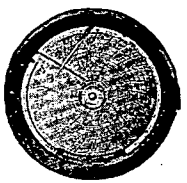
Manufacturers of Indicating and Recording Gauges; Gauge Testers; "U" Gauges; Draft Gauges; Indicating and Recording Thermometers; Tachometers; Dial Thermometers; Pressure and Temperature Controllers; Electric Temperature Controllers; Pop Safety and Water Relief Valves; Steam Traps; Engine Indicators; Counters; Absolute Pressure Gauges.
Also manufacturers of Bronze, Cast Steel and Forged Steel Valves, Locomotive and Engine Room Clocks; Barometers; Mercury Column Gauges; Steam Whistles; Hydraulagraphs; Gauge Boards.

Ashcroft American Gauges—Ashcroft American Gauges are made in all sizes from 2½ to 12 in., for pressures from 8 oz. to 25,000 lb. and also for vacuum. Cases are cast-iron or cast brass. The movements are Heavy Duty and all bearings are Monel Metal. Write for Catalog No. A-59.



For Mercury Pressure and Vacuum Gauges, "U" Gauges, Draft Gauges and Mercurial Barometers, write for Catalog B-59.

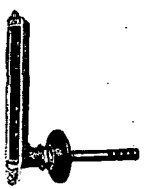
American Recording Gauges—American Recording Gauges are made for all pressures from 15 in. of water to 10,000 lb. and for vacuum. They are made in one size only to accommodate a 10 in. chart, having an effective scale width of 3⅝ in. The case is Die Cast with a dull black hard-rubber finish and with either bottom or back connection. The pen-arm is made of non-corrosive Monel Metal and is of the inverted type. Operating instructions are lithographed on the chart plate so that they cannot be lost.



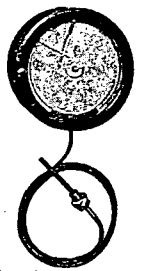
Especially designed Seth Thomas clocks are used, and all customary time periods can be furnished.

American Recording Gauges are equipped with the Time Punch which virtually makes each instrument a time clock, since a hole is punched in the chart whenever a reading is taken. Write for Catalog E-59.

American Air Duct Thermometer—Designed especially for both warm and cold air ducts. Fitted with chromium plated frame, glass front. Furnished with 9-in. or 12-in. scale graduated 0-160 F. Write for Catalog F-59.



American Recording Thermometers—Made for recording temperatures from minus 40 to plus 1000 F. or equivalent C. Very flexible connecting tubing up to 200 ft. One size only to accommodate 10 in. chart, with an effective scale width of 3⅝ in.



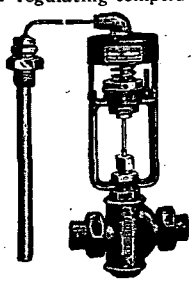
Same case as for the American Recording Gauge, so that all instruments are uniform in appearance when mounted on Gauge Boards. American Indicating Gauges and Dial Thermometers are also furnished in same case. Write for Catalog H-59.

American Dial Thermometers—American Dial (mercury-filled) Indicating Thermometer has the accuracy of the standard glass tube thermometer and the reading convenience of a dial face. Entire working mechanism is made of steel, meaning long life.



Standard size of dial 6 and 12 in. Furnished with rigid connection or flexible capillary steel tubing up to 200 ft. long. For temperature ranges from minus 40 to plus 1000 F. Write for Catalog G-59.

American Precision Temperature Controllers—Self-operated and simple in construction. For regulating temperatures from 25 to 385 F. Under favorable conditions temperature will be held within 1°. Sensitive, rugged and accurate. For hot water service tanks, water heaters, etc. Standard ranges carried in stock. Size of valve must be specified. Write for Catalog R-59.



Illinois Testing Laboratories, Inc.

422 N. La Salle St., Chicago, Illinois

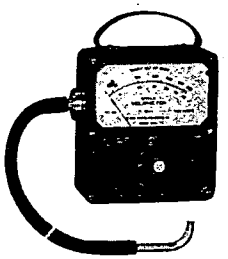
TESTING ENGINEERS AND MANUFACTURERS

"Alnor" Indicating Pyrometers—Portable and Stationary.
"Alnor" Surface Temperature Pyrometers.
"Alnor" Distant Reading Resistance Thermometers.
Boyle Velometers—Air Velocity Meters.

BOYLE VELOMETER

The Velometer is a direct reading air velocity meter which gives accurate and instantaneous readings of the speed and direction of air flow, measured in feet per minute.

The low scale is ideal for measuring the magnitude and direction of drafts, either ascending or descending or horizontal air movements. These velocities can be obtained accurately to as low as 20-ft. per minute.



Form C Boyle Velometer

The high scale is designed for measurement of air velocities ranging from 200 to 2000 - ft. per minute. Special scale ranges can be furnished for velocities ranging from 200 to 4000 ft. per minute.

Accurate determinations are obtained without the use of a stop watch or any mathematical calculations.

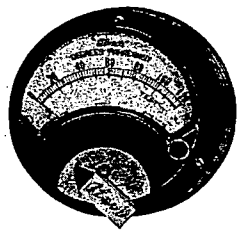
Attachments including tube and specially designed jets permit the testing of inlet and outlet grilles. An averaging jet is used to determine the average velocity over a four inch circle. A small orifice jet is used for exploring the velocities through the irregular shaped openings in ornamental grilles. A specially designed jet is used for the determination of air speed through high velocity grilles of the narrow slot type.

Special scales and attachments can be designed and built for any unusual applications, such as extremely low, or high velocities, high temperatures, obscure locations, surging air currents, air leakage from ducts, and through building walls. When required, a certified calibration chart can be furnished with each meter.

Write for literature

"ALNOR" DISTANT READING Resistance Thermometers

Sudden changes in outdoor temperatures need never bother the engineer of the heating or air conditioning plant who has an "Alnor" distant reading thermometer. This instrument will tell him without leaving the boiler room, the outdoor temperature as well as the temperature of as many points within the building as desired by simply turning a small switch knob.



Model AR-RM Thermometer

The instrument itself can be located in the boiler room or conditioning plant with the elements mounted at desired points anywhere within the building or outdoors up to a distance of 1000 ft. or more from the instrument. These elements are connected to the switch of the instrument by ordinary duplex copper wire. Anyone familiar with simple wiring can make the installation.

"Alnor" distant reading thermometers are made in several types and sizes.

Send for free information

"ALNOR" SURFACE TEMPERATURE PYROMETERS



For measuring surface temperatures of steam pipes, radiators, furnace jackets, hot air pipes and similar service, the "Alnor" Pyrocon Pyrometer is a very handy and satisfactory instrument.

The Combination Pyrocon can be furnished in any of several scale ranges from 0–300 F. to 0–1200 F. As many as five different forms of quickly interchangeable thermocouples can be supplied to suit different applications.

Ask for Bulletin No. 1727