

Leeds & Northrup Company

General Office and Works: 4941 Stenton Avenue, Philadelphia, Pa.

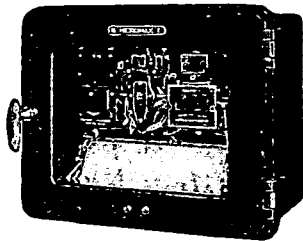
Branch Offices:

CHICAGO St. LOUIS
LOS ANGELES
SAN FRANCISCO

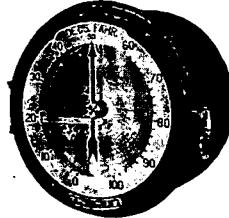


CLEVELAND PITTSBURGH
HOUSTON TULSA

RUGGED, NULL-TYPE INSTRUMENTS THAT ARE RELIABLE



Model S Micromax Recorder
Records from 1 to 16 points on a single strip-chart. Extremely open record. Can operate signals. (About 1/16 size)



Model R Micromax Recorder
Records 1 or 2 points on a round-chart. Has extremely readable dial. Can operate signals. (About 1/16th size)



Switchboard Indicator
Hand-operated. Can be connected through selector switches to any number of points. (About 1/18th size)

Electrical Thermometers for Air Conditioning

No method for measuring temperatures fits the specific needs of air conditioning as does the three-lead null-type resistance thermometer method. It is independent of distance and disregards all temperatures except those right at detector locations. The detectors (resistance thermometer bulbs called Thermohms), can be placed anywhere—in rooms, air ducts or water lines. They are connected by simple electrical wiring to instruments at a central location. Instruments may be: Micromax Recorders, Model S for up to sixteen Thermohms; Micromax Model R, for related pairs such as wet and dry bulb; indicators with switches for any number of Thermohms; or indicating and recording combinations.

This equipment is fundamentally reliable. Instruments and Thermohms are highly responsive, yet rugged in construction. A complete system is easy and economical to install, regardless of distances. It is easy to operate and demands minimum maintenance. Thermohms and instruments are interchangeable, and can be replaced without disturbing wiring or returning anything to the factory.

L & N Resistance Thermometers make it possible to operate efficiently; to maintain comfort or correct process atmosphere constantly . . . to get maximum return on the entire conditioning investment.

T-362

Electrical Instruments for the Heating Plant

The facts needed to operate a modern heating plant so as to save fuel, to protect equipment, and to operate efficiently at varying loads are provided reliably by rugged L & N instruments. Readings can be indicated or recorded or both. Recorders can be equipped to operate signals or alarms that warn the operator of extreme conditions. In some cases the instruments control automatically.

Micromax Model S provides a permanent record of conditions at from 1 to 16 points on one wide-scale chart. Micromax Model R concentrates on conditions at one point, provides a permanent record, and has a giant indicating dial that can be read at a glance. The switchboard indicator provides intermittent checks on conditions at one or several points.

In the heating plant, L & N measuring, signalling or controlling equipment is used for:

Metermax Combustion Control.
Furnace Pressure Control.
Smoke Density Analysis.
Flue Gas Analysis (Per cent CO₂).
Flue Gas Temperatures.
Steam and Water Temperatures.
Boiler Furnace Temperatures.
pH—Alkalinity (or Acidity) of Water.
Electrolytic Conductivity of Water.
Percent Leakage of Cooling Water.

The Palmer Company

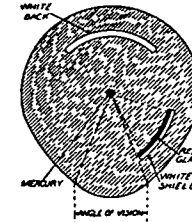
426 Clay Street

Cincinnati (St. Bernard), Ohio

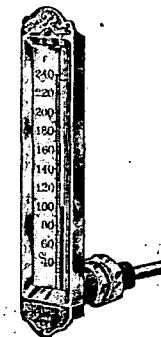
Manufacturers and Originators—"Red-Reading-Mercury" Thermometers

PRODUCTS—Indicating Thermometers with the RED column.

"RED-READING-MERCURY" was originated by Palmer. We hold the basic patents on the reflected RED color. See illustration. A strip of red glass is drawn into the tube and when the mercury column rises, in the tube, the RED color is reflected onto it. Nothing is done to harm the purity of the mercury.



INDUSTRIAL STYLE THERMOMETERS



No. 327

Furnished in all sizes and with STRAIGHT or various ANGLES styles. With Fixed taper thread, Union connection, Separable Socket or flange fittings.

With the RED column, these thermometers are very easy to read.

ACCURACY GUARANTEED; MADE STRONG AND DURABLE.

OUTDOOR THERMOMETERS

Here is an ideal thermometer for use outdoors or inside. The metal case is of bronze which will not corrode. Graduated scale, giving very accurate temperature. White Duco finish. Nickel-plate or Chromium finish also furnished. With the RED column, it can be seen a great distance.

Other styles of Wall Thermometers as well as Laboratory styles furnished with the RED column.

Write for FREE catalog No. 200-C.



No. 2120
Thermometer

Instruments for Testing AIR CONDITIONING EQUIPMENT

When air-conditioning equipment is installed, the contractor must have reliable and accurate instruments to make tests. Only with such instruments can he give satisfactory results.

SLING PSYCHROMETER

This pocket style instrument can be carried anywhere and quick tests made. Wet and dry-bulb tubes guaranteed accurate. Furnished with metal case, leather covered.



No. 14200

ASPIRATING PSYCHROMETER

(This is not illustrated). The Aspiring Psychrometer for testing humidity is recommended where readings of greatest precision are required. Contains small motor and blower so the air is blown over the wet and dry bulb thermometers. Two styles:

Battery operated for use where there is no electric connection.

Electrically operated, to plug in on light circuit.

With carrying case; neat, compact, light weight. Very handy instrument.

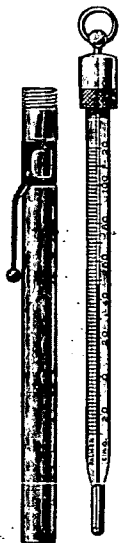
POCKET THERMOMETERS

It is helpful to carry a pocket test thermometer, so that it is available at any time.

This is a reliable, guaranteed accurate thermometer. Easy to read with the RED column.

Repairs—We can repair all makes of mercury thermometers and furnish "Red-Reading-Mercury" at no extra cost. The type of repair work we do will add years to the life of the thermometer.

A trial Order will convince you.



No. 13240