Taylor Instrument Companies

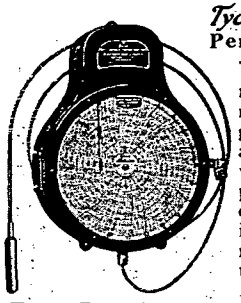
Rochester, N. Y., U. S. A.

IN CANADA—Taylor Instrument Companies of Canada, Ltd., Toronto

NEW YORK	PHILADELPHIA	LOS ANGELES	ST. LOUIS	DETROIT
CHICAGO	PITTSBURGH	INDIANAPOLIS	CINCINNATI	ATLANTA
BOSTON	CLEVELAND	SAN FRANCISCO	TULSA	MINNEAPOLIS

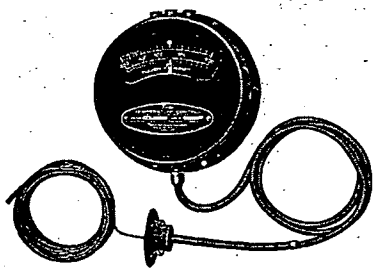
Manufacturing Distributors in Great Britain, Short & Mason, Ltd., London

Manufacturers of Tycos Instruments for Indicating, Recording and Controlling Temperature, Pressure and Humidity



***Tycos* Suspended-Pen Recorders**—Temperature ranges and time requirements vary greatly in heating and ventilating work. Tycos Suspended - Pen Recorders are made in many scale ranges and several time periods to meet these needs. Tycos Recorders are sturdy and reliable. The friction of moving parts has been reduced to a minimum. Charts are easily changed, and each instrument is locked and sealed against malicious or unintentional interference with the mechanism. Cases are handsomely finished and are dust and moisture proof. Instruments may be quickly tested and calibrated. Write for special information suitable to your needs.

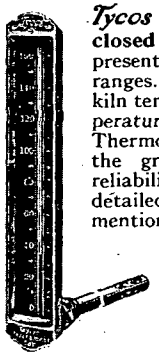
***Tycos* Electric Contact Temperature Control**—These instruments combine in the same case an electrically-operated



temperature regulator with an indicating thermometer. One tube system only is required to operate both units.

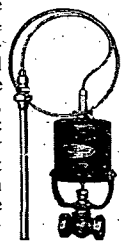
Direct-Set Control Feature—This feature has been developed in Tycos Electric-Contact Controls until we believe that no similar instrument on the market can compare with it for convenience and accuracy. The Tycos Direct-Setting Feature is a real time saver, because it eliminates making a series of adjustments in order to obtain the proper control. Only one adjustment is required.

The instrument will control at this point within the limits of its contact until re-set for another temperature.



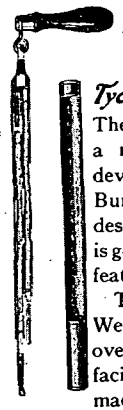
***Tycos* Thermometers for Enclosed Spaces**—The Tycos line presents many styles and scale ranges. Suitable for air ducts, kiln temperatures and oven temperatures. Tycos Industrial Thermometers are made with the greatest care, and their reliability is unquestioned. For detailed information, write direct, mentioning your requirements.

***Tycos* Self-Acting Temperature Regulator**—Is adapted to use on hot-water storage tanks, etc. It is "self-acting" in that it requires no auxiliary motive power, such as compressed air, to open and close the steam valve. As heat is applied to the bulb the volatile liquid inside sets up a vapor pressure proportional to the temperature. This pressure is transmitted to a "stack" of metal diaphragms attached to the upper end of the valve stem, thus moving the valve disc toward the valve seat. By means of the adjustment at the top of the diaphragm housing, the valve can be closed at any desired temperature, or a throttling action can be obtained within the temperature range of the instrument. Not practicable on pipe lines having steam pressure over 125 lbs.



Should be installed in a vertical position on top of the line; never hanging underneath the line. The line itself should be horizontal rather than vertical.

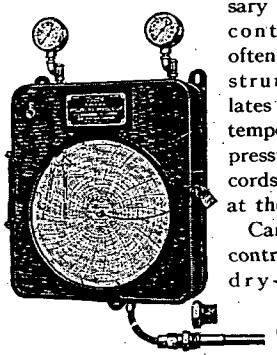
Operating range 100 deg. to 160 deg. fahr., 140 deg. to 212 deg. fahr., or 190 deg. to 270 deg. fahr., as specified.



***Tycos* Sling Psychrometer**—The Tycos Sling Psychrometer is a modification of the pattern developed by the U. S. Weather Bureau. The fact that our design has been generally copied is good evidence of its practicable features.

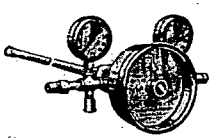
The advantage of this form of Wet-and-Dry-Bulb Hygrometer over the stationary form is the facility with which tests can be made and the accuracy of the readings obtainable, as in whirling the bulbs they are subjected to perfect circulation.

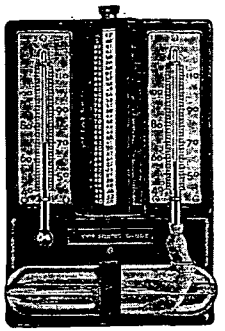
***Tycos* Recording Regulator**—Recommended for applications where it is necessary to change control points often. This instrument regulates one or two temperatures or pressures and records one or both at the same time.



Can be used to control wet and dry-bulb temperatures in closed spaces. Setting is made directly by moving a pointer to the desired temperature on the chart.

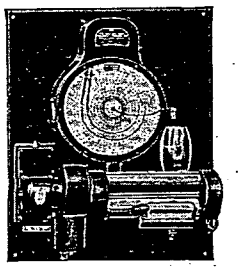
***Tycos* Type-P Regulator**—A compact and very sensitive regulator, ideal for air-ducts, air-washing machines, cooling rooms and similar applications. Uses compressed air as an actuating medium.



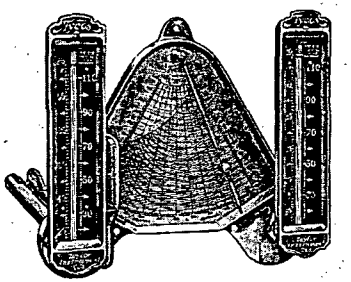


***Tycos* Humidiguide**—A handsome small hygrometer for the wall of the home, office, school or other building where a neat, easy-reading and inexpensive instrument is desired. It is self-contained, requiring no charts or separate tables. Frame is Mahogany Bakelite.

***Tycos* Recording Hygrometer**—This instrument records both wet and dry - bulb temperatures on the same chart in different colored inks, making comparison very easy.



Type shown above with motor-driven fan for conditioned rooms or passages in which circulation is poor. Can be supplied without fan for installations where circulation across bulb is good.



***Tycos* Hygrodeik**—This self-contained hygrometer is designed for air-ducts, kilns, driers and similar applications. Mounting is made through wall into enclosed space. Thermometers are highly accurate Tycos Industrial type and water reservoir is of generous capacity.

Write for additional information on any of the Tycos Instruments on this page.