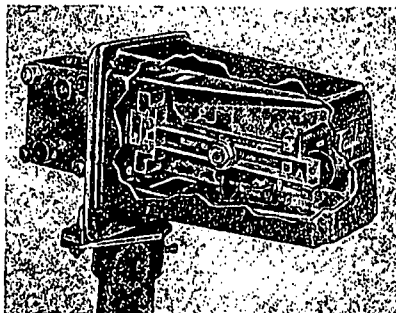


More EQUIPMENT NEWS

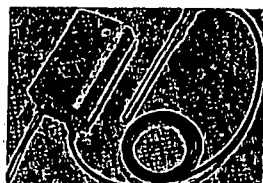


Differential Pressure Transmitter

537 • Force-balance transmitter is designed to convert differential pressure into an equivalent 3 to 15 psi output. It can be used to measure flow of liquid, steam or gas; liquid level or specific gravity.

Transmitter has two basic units, primary and secondary. Primary senses differential pressure and consists of a two-part, forged steel or stainless steel housing enclosing a Teflon-coated, glass fabric diaphragm. Inner housing is shaped to contour of diaphragm to permit full over-range protection of 1500 psi to either side of diaphragm. Secondary unit transmits proportional output air pressure, and incorporates a ruggedly constructed, pneumatic force-balance transmitting system. This unit is completely enclosed.

Advantages claimed for unit are simplified installation, easy maintenance, simple adjustment, built-in damper. Bulletin 98226. Taylor Instrument Co., 95 Ames St., Rochester 1, N. Y.

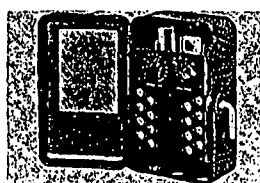


Electronic Liquid Level Control

511 • Based on capacitive action of liquid surrounding a porcelain-enamel-covered electrode, new Belmont control provides adjustment of liquid level and cut-in, cut-out differential over very wide limits, manufacturer claims.

Unit consists of probe mounted at location of controlled liquid, connecting cable 1000 ft long if necessary, and control unit located for operating convenience. Standard models operate from 115-v, 60-cps supply; special units for 230 v or 25 cps. Snap-action relay rated 10 amps at 115 or 230 v. Indicator light burns full brilliance when relay is open, half brilliance when relay is closed.

Thermo Instruments Co., 1166 El Camino Real, Belmont, Calif.



Electronic Timer

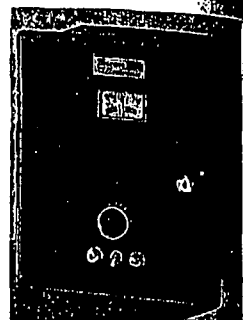
546 • Type 3011.1 is an automatic timer for intervals from 1/20 sec to 4 min, and provides four basic types of timing: interval, delayed action, automatic repeat and programming, as well as variations. All may be utilized by changing external connections to terminal board. Electronic circuit is self-compensating for voltage changes, has 2% limit of accuracy. Unit employs only one electron tube and one relay. 115 or 230 v, 50-60 cycles, 25 watts. Bulletin PC 5010.

Photo-switch, Inc., 77 Broadway, Cambridge 42, Mass.

For more data on these items, use post card p. 169. Identify your request with item number

CHECK THESE TOO!...

Bolt heater...
High-temperature thermostat...
Adjustable speed drive...
Roof ventilator...
Drafting machine...
Mechanical seal...
Photoelectric counter...
Right-angle gear drive...
Turbocharged diesels...

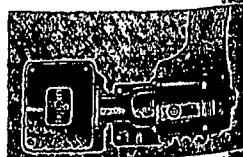


Electronic Pyrometer Controller

539 • Unit automatically controls temperature of batch processes or equipment, suitable for two-position control action. Can be used with iron-constantan, chromel-alumel, or platinum-platinum thermocouples. Twelve standard ranges are available for controlling temperatures from 0 to 3000 F.

Controller has only one moving magnetic control relay—that throws circuit when process calls for a change in heat. High sensitivity is maintained on wide scale ranges. Calibration can be accurate within 0.25%. Unit operates on 110 v ac.

Thermo Electric Co., Inc., Fair Lawn, N. J.

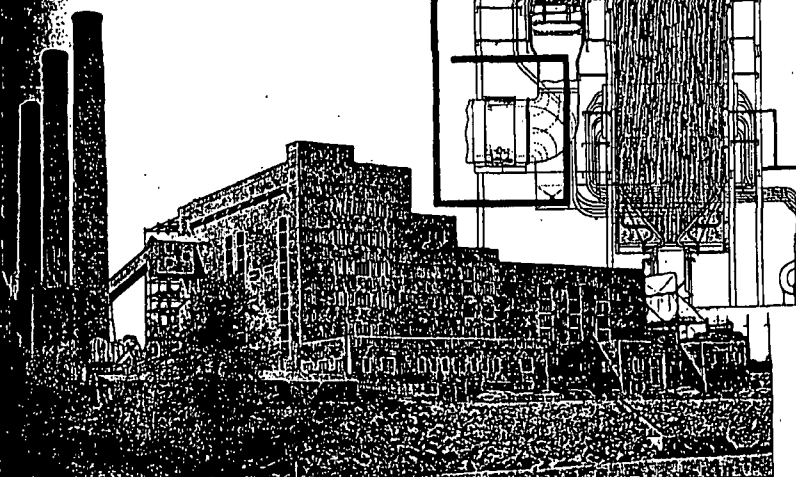


Pneumatic Transmitter

557 • Miniature pneumatic transmitter measures and transmits readings of pressure, pressure, vacuum, differential pressure. (Continued on page 176)

Three Boilers at New Titus Station of the Metropolitan Edison Company

Equipped with LJUNGSTROM AIR PREHEATERS



Adding on completion 240,000 kilowatts to the output of the Metropolitan Edison Company of Reading, Pa., the company's new Titus Station is now in operation producing 160,000 kilowatts. Designed and constructed by Gilbert Associates, Inc., of Reading, Pa., Titus is expected to be in capacity operation early next year.

Steam for each of the two 80,000-kw turbine-generators now in service, and for the third, soon to go into service, is supplied by a Combustion Engineering-Superheater Boiler at 1450 psi and 1000 F, reheated to 1000 F. These C-E Boilers are pulverized coal fired.

Each Combustion Boiler has been designed to incorporate two Ljungstrom Air Preheaters which preheat incoming combustion air to 600 F, and cool exit gases to 280 F.

At Titus, as at scores of power plant installations across the country, once again the broad general acceptance of the Ljungstrom Air Preheater for top efficiency steam generating units is demonstrated. Ljungstroms placed in service or on order since 1945 alone—selected by every major boiler manufacturer, consulting engineer and utility—are serving boilers with an aggregate capacity of over 285,000,000 pounds of steam per hour.

The Air Preheater Corporation 60 East 42nd St., New York 17, N. Y.