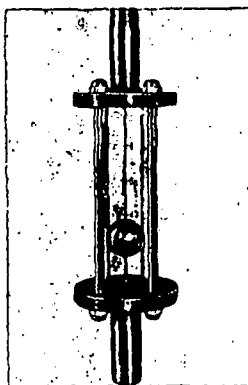


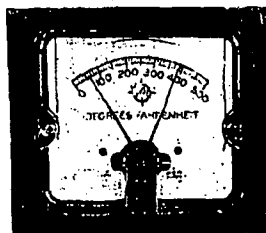
on diesel-powered equipment. Bacharach Industrial Instrument Co., 7000 Bennett St., Pittsburgh 8, Pa.

K11 RUNNING-TIME METER—Designed for use on ac circuits, meter automatically registers total operating or idle time of any circuit, machine or system to which it is connected. Typical applications include use to indicate total hours of automatic-pump operation, forecasting need for servicing or parts replacement and checking operating time of equipment. R W Cramer Co., Centerbrook, Conn.

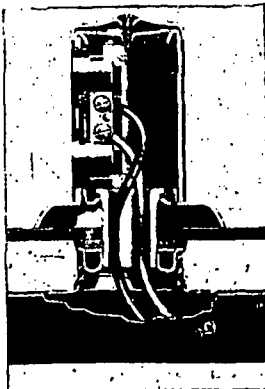
K12 FLOW INDICATOR—Ball-flow unit provides both visual indication of flow and approximate rate of flow. Consists of tapered glass tube with moving, guided



brass ball that acts as indicator. Ball movement confined to the tube center by slender steel rod. Can be had in all standard pipe sizes from $\frac{1}{4}$ to 2 in. for flow ranges from 0.2 to 60 gpm. Schutte & Koerting Co., Philadelphia, Pa.



K7 PYROMETER—Simplifrol indicating and controlling pyrometer is thermo-couple type, direct contact-making instrument, which closes circuit directly to load-control switch. Assembly Products, Inc., Main and Bell St., Chagrin Falls, Ohio.



K19 FLOOR OUTLET—Simplified Nepconduct system incorporates single-size 14-gage steel underfloor duct $1\frac{1}{2} \times 2\frac{1}{2}$ in. Service fittings are brass and have a standard T-slot 3-pole or duplex receptacle for high potential light and power connections. Simplified system is approved by Underwriters Laboratories, Inc. National Electric Products Corp., Chamber of Commerce Building, Pittsburgh 19, Pa. (photo above)

K22 EXCESS-SMOKE INDICATOR—Type 2A10C gives continuous indication of uplake gases, signalling when either smoke or air are excessive enough to cause inefficient combustion or create a smoke problem. Photoswitch, Inc., 77 Broadway, Cambridge, 42, Mass.

K23 FLOW INDICATOR—New design Rotameter is rigid self-supporting unit when installed in pipeline. Using Corning glass flange on Rotameter tube, unit may be connected directly to standard 4-hole



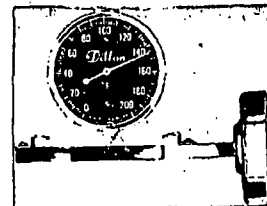
flange, or with companion flange it can be connected to threaded pipe. Schutte & Koerting Co., 12th & Thompson Sts., Philadelphia, 22, Pa.

K3 DEWPOINT RECORDER—Sensitive element in this recorder, called the Dewcel, consists of thermal bulb wrapped with saline-saturated woven-glass tape and two windings of silver wire to conduct heating current. Moisture determination based on fact that for every water-vapor pressure in

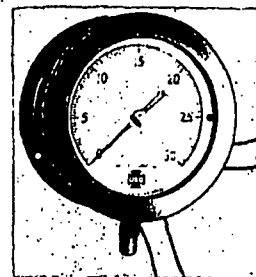


contact with a saturated salt solution there is an equilibrium temperature at which the solution neither absorbs nor gives up moisture to the atmosphere. The variable heat supply brings the Dewcel to this equilibrium temperature. This temperature, then measured by thermal bulb, is transmitted to recording instrument and indicated on chart the dewpoint temperature. Foxboro Co., Foxboro, Mass.

K20 DIAL THERMOMETER—Unit has stem that clamps on flat or rectangular surfaces, such as engine blocks, busbars,

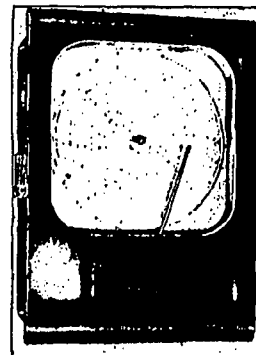


etc. Capacities range from 0 to 200, 50-500, 150-750, and 200-1000 F. W C Dillon & Co., 5410 W Harrison St., Chicago, 41.



K24 PRESSURE SWITCH—Types V and VI pressure switches features a 3% of full-scale differential. Through a Bourdon spring connected internally to alarm spring. Type VI operates as conventional indicator. U. S. Gauge Div., American Machine & Metals, Inc., Sellersville, Pa.

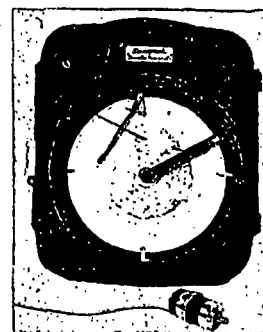
K15 RECORDING THERMOMETER—Series 500 line of recording thermometers are housed in newly developed modern case with improvements, making them easier to use, more convenient to service, and readily convertible from one type to another. Bristol Co., Waterbury 91, Conn.



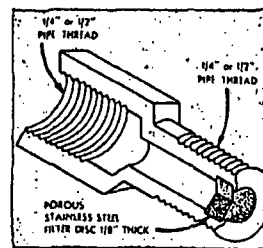
K13 GAS TESTER—New Model 6 Vaportester analyzes combustible gases in terms of their lower explosive limits and indicates gases in their toxic range. Davis Emergency Equipment Co., 45 Hallowell St., Newark, N. J.

K14 METALS COMPARATOR—Electronic instrument provides quick, non-destructive comparison of either magnetic or non-magnetic metal parts with a standard. Parts appearing alike, but differing in composition can be quickly separated with this unit. General Electric Co., Schenectady 5, N. Y.

K8 POSITION RECORDER—Instrument uses 10-in circular chart and inking pen operated remotely by self-synchronous motor. Can record almost any mechanical motion or position. By single adjustment, inking pen moves full chart range with any desired motion of motor within a range 1 revolution up to 10 revolutions. Servo-Tek Products Co., 247 Croke Ave., Clifton, N. J.



K21 PRESSURE SNUBBER—Equipoise snubber eliminates pressure fluctuations caused by pressure pulsations and vibration. Filter disks of porous stainless steel.



available for oil, air, water, mercury, etc. Maximum differential pressure rating of standard types is 500 psi, but special units up to 5000 psi differential pressure can be supplied. Equipoise Controls, Inc., 100 Stevens Ave., Mt. Vernon, N. Y.

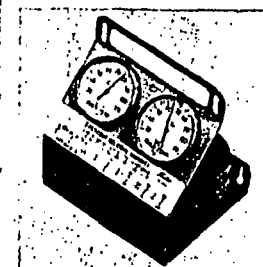
K5 ELECTRIC TESTER—Suretest universal tester consists of insulated sprocket around which is wound 6 ft of test wire. Power circuits, from 110 to 600 v, are tested by inserting rubber plug into self-contained socket on frame. Test probe then are used in conventional manner for locating blown fuses, finding grounds. Star Fuse Co., 235 Canal St., New York 13.

K16 HOT-BEARING INDICATOR—Multi-point bearing temperature monitoring system warns when bearings start to

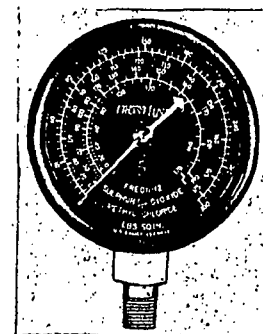
overheat. Thomas A Edison, Inc., West Orange, N. J.

K17 TEMPERATURE RECORDER—Moisture-size recorder is used where shock-resistant easily portable instrument is needed. C J Tagliabue Mfg Co., Brooklyn 5, N. Y.

K4 HUMIDITY INDICATOR—Main features of all-metal indicator include Weston laboratory thermometer, self-supporting wet-bulb wick covering thermal element, all-metal construction and simplified slide-rule calculator that gives relative humidity readings directly. Weston Electrical Instrument Corp., Newark, N. J.



K9 PRESSURE GAGES—New group of Frostline gages designed for refrigeration applications. They include high- and low-side instruments with or without temperature equivalent dial scale. Available in sizes standard to industry. U. S. Gauge Div., American Machine & Metals, Sellersville, Pa. (photo below)



K2 pH METER—Instrument can be plugged directly into any standard 110-v, 50- or 60-cycle ac line and can be carried easily from one location to another. Model 8 covers full scale of 0 to 14 pH and can