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alarm. Pointers of the controls are set at desired maximum and minimum rates of flow and locked with a knob. When rate of flow varies beyond that set by the pointers, microswitch closes contact and sets off an alarm, either a light or audible signal. Device may be set to operate when flow rate exceeds limits of a fraction of a gallon per minute, or will operate at the widest range limit. Henszey Co., Watertown, Wis.

Tube Cleaners E418

ROTOJET, JR. CLEANERS remove scale and other deposits from tubes as small as 0.495 in. inside diameter. They are suitable for cleaning boilers, condensers, evaporators, superheaters, and other tubular apparatus. Rotojet motors are available for operation with air or water. Motor has only two moving parts, a shaft and paddle, which rotate inside an egg-shaped cylinder. A valve behind the motor gives operator instant control of tool. Elliott Co., Roto Div., 145 Sussex Ave., Newark 1, N. J.

Tin-Content Indicator E411

INSTRUMENT determines ratio of lead and tin content in solder. It consists essentially of a high-resistance pyrometer and dual thermocouple extensions; one with a lead container, the other with a solder scoop. Instrument obtains percentage of tin content from the difference in temperature between a pure lead standard and a lead-tin alloy sample, while these materials are passing from liquid to solid phase. Lead sample is permanently sealed in one cup, while solder sample to be tested is scooped into the other cup and held there until reading is obtained. Standard scale range is from 0 to 10% tin. Wheelock Instruments Co., Harrison & Peoria St., Chicago 7, Ill.

Proportioning Pyrometer E422

MODEL 1E486 pyrometer proportions current input to electrically heated furnaces, ovens, plastic molding machines, salt pots and other similar equipment to provide practically straight-line temperature control. It does this by time modulation of input energy. Average energy supplied is proportional to deviation of temperature from the control point throughout a band width, which is adjustable from 0 to 21% full-scale reading. Bristol Co., Waterbury 91, Conn.

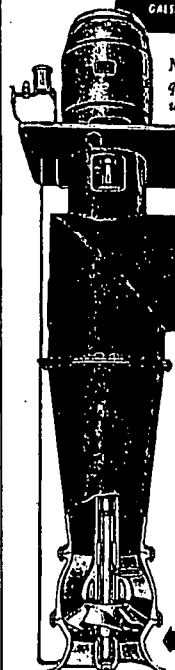
Fabric Conveyor Belt E466

IMPORTANT FEATURES of this new belt include maximum tension, almost double that offered by a 48-oz cotton fabric; excellent transverse flexibility assured by the nylon transverse threads; minimum stretch in actual operation and steel splicing made easy because of fabric construction. Reinforcement of Rayon fabric belts is through use of rayon and nylon fabrics bonded to each other. Top cover is securely bonded to carcass by shock-absorbing and distributing cord breaker. Hewitt-Robins, Inc., Buffalo 5, N. Y.

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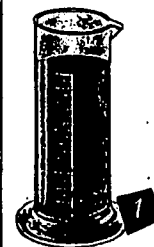
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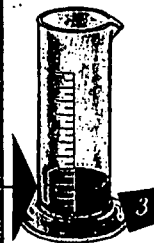
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