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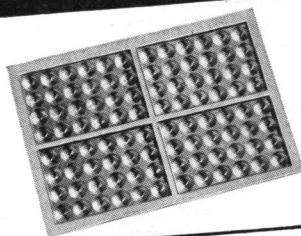
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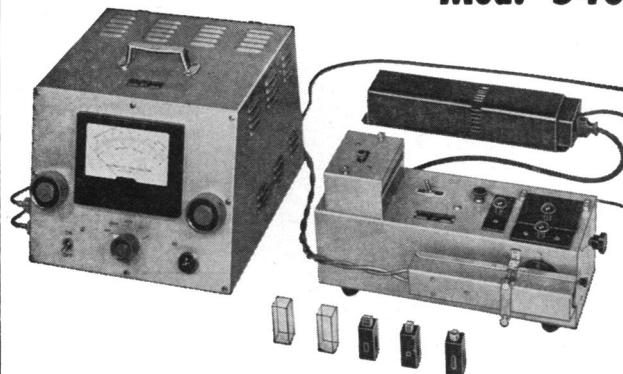


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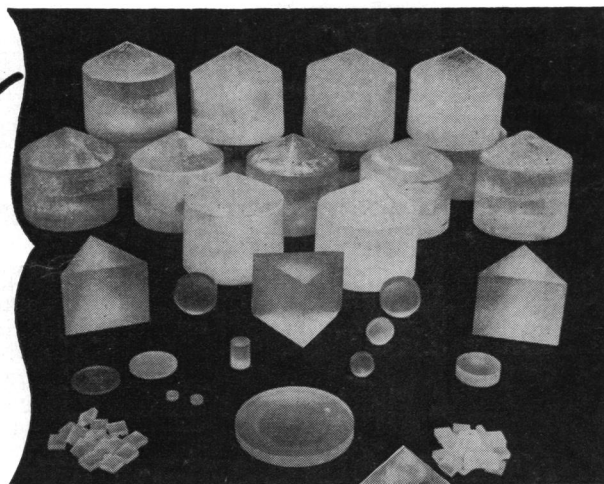
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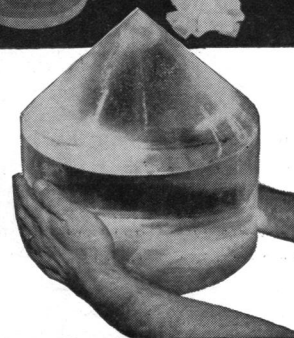
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EQUIPMENT NEWS

The information reported here is obtained from manufacturers and from other sources considered to be reliable. Science does not assume responsibility for the accuracy of the information. All inquiries concerning items listed should be addressed to Science, Room 740, 11 W. 42 St., New York 36, N.Y. Include the name(s) of the manufacturer(s) and the department number(s).

■ **PARTICLE DETECTOR** is said to be sensitive to $\frac{1}{2}$ μ particles when they are present in gas streams in concentrations of

100 or more parts per million. The unit can be used at pressures to 10,000 lb/in². Particles present in a gas passing through a sampling tube pass a photoelectric cell, upsetting circuit equilibrium and triggering an alarm mechanism. (Greer Hydraulics Inc., Dept. S837)

■ **FLUID DISPENSER** attaches to reagent bottles to permit finger-tip control of volume delivered. The delivery rate is adjustable from drop-by-drop to 1 pt/min. A safety lock prevents accidental opening. (Gardner Laboratory Inc., Dept. S845)

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■ **LIGHT-SCATTER PHOTOMETER**, for measurement of sheets and films, permits observations to be made at angles of 0 to nearly 90 deg with respect to the angle of incidence. Diffraction and light leakage effects are said to have been eliminated. (Manufacturers Engineering and Equipment Co., Dept. S840)

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■ **DIGITAL CLOCK** covers a 24-hour period and furnishes digital contacts down to minutes for read-out into printers or other output devices. Also provided is an in-line visual display of ⅝-in. numerals. (Wang Laboratories, Inc., Dept. S851)

■ **ELECTROMETER** uses vibrating condenser to convert d-c signals to a-c for amplification. Input ranges are 10, 30, 100, 300, and 1000 mv with output of 1 ma full scale. Zero drift is less than 100 μ v in 12 hours. Input resistance is 10^{13} ohm. Although the unit is designed for use with ionization chambers, it can be adapted for measurement of current from 10^{-6} to 10^{-13} amp, and for measurement of resistance to 5×10^{15} ohm. (Robertshaw-Fulton Controls Co., Dept. S857)

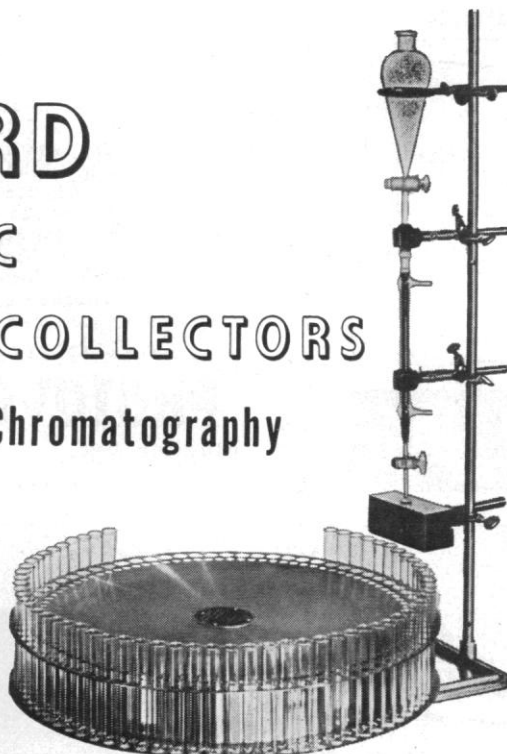
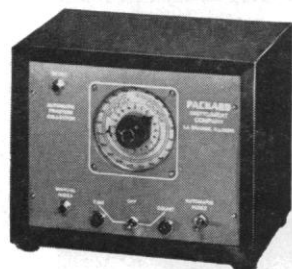
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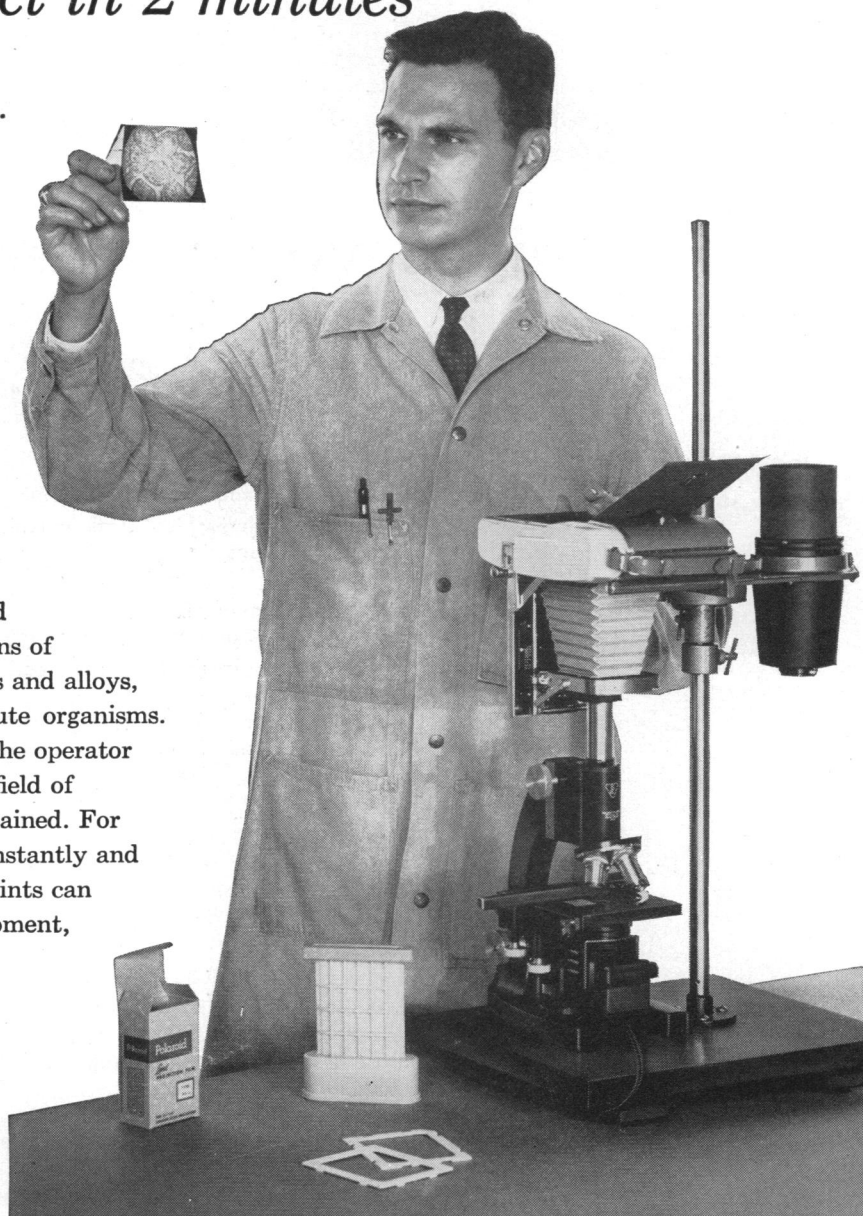
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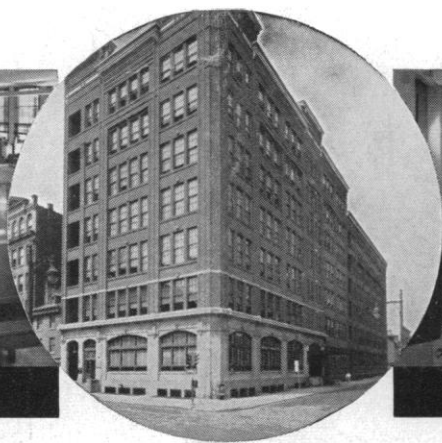
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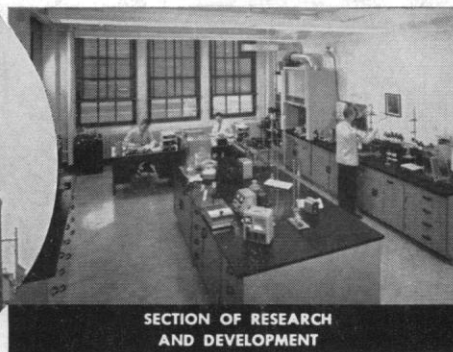
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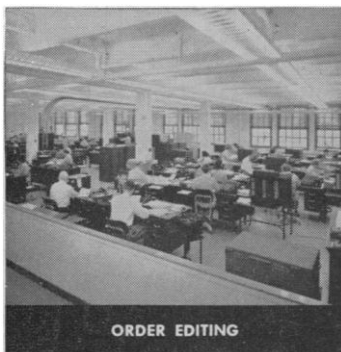
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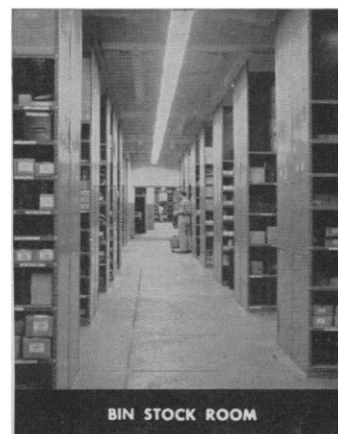
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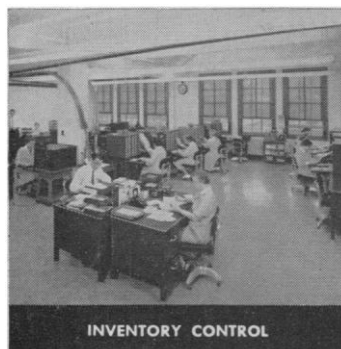
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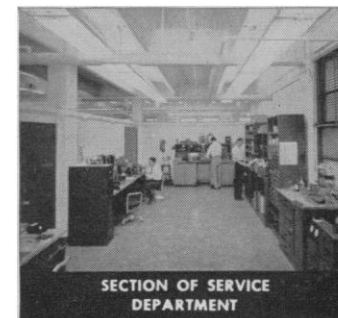
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