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**Solid State Physics: Advances in Research and Applications.** vol. 16. Frederick Seitz and David Turnbull, Eds. Academic Press, New York, 1964. 462 pp. Illus. \$15.50. Four papers: "Cohesion of ionic solids in the Born model" by Mario P. Tosi; "F-aggregate centers in alkali halide crystals" by W. Dale Compton and Herbert Rabin; "Point-charge calculations of energy levels of magnetic ions in crystalline electric fields" by M. T. Hutchings; and "Physical properties and interrelationships of metallic and semimetallic elements" by Karl A. Gschneidner, Jr.

**The Special Theory of Relativity.** David Bohm. Benjamin, New York, 1965. 252 pp. Illus. Paper, \$3.95; cloth, \$7.

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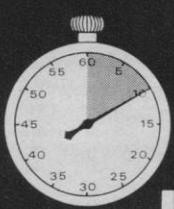
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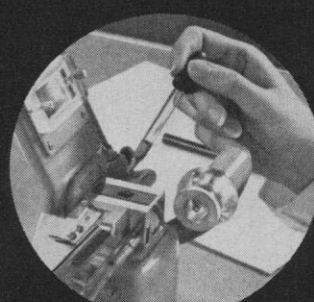
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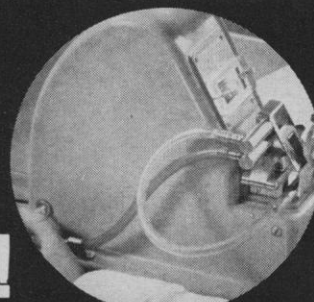
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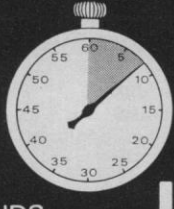




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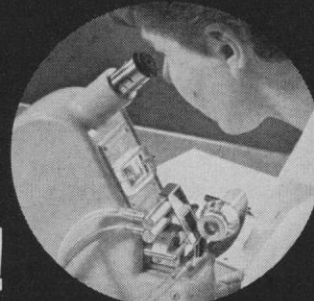
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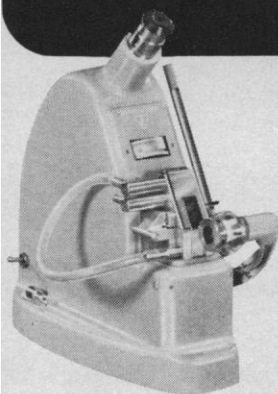




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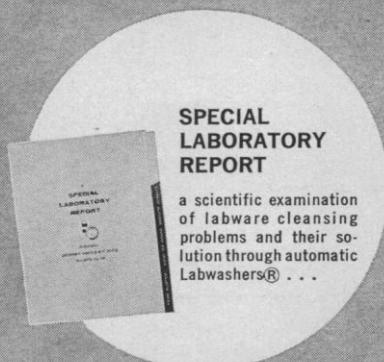


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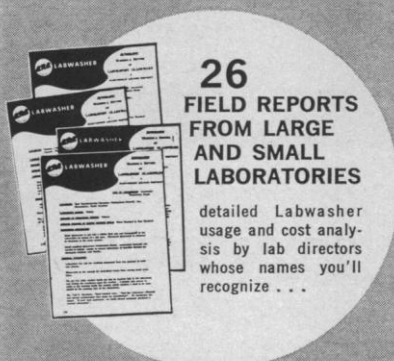
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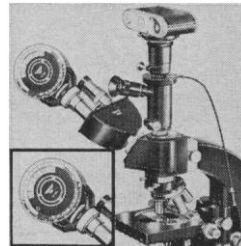
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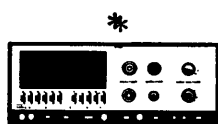


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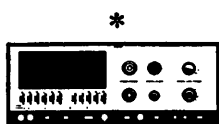
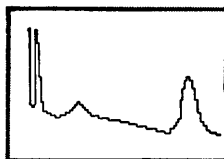
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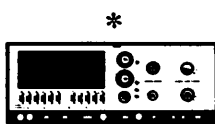
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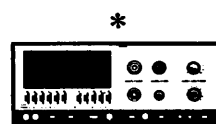
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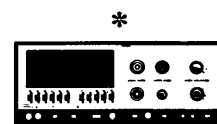
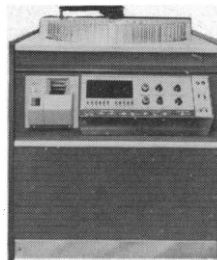
For counting two isotopes sequentially in one sample, manually or automatically

|   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 0 | 1 | 3 | 1 | 0 | 0 | 6 | 7 | 3 | 2 | 4 | 1 |
| B | 1 | 1 | 2 | 1 | 0 | 0 | 7 | 6 | 3 | 4 | 3 | 1 |
| A | 0 | 1 | 1 | 1 | 0 | 0 | 8 | 2 | 0 | 9 | 0 | 7 |
| B | 1 | 1 | 0 | 1 | 0 | 0 | 5 | 7 | 1 | 4 | 2 | 1 |
| A | 0 | 0 | 9 | 1 | 0 | 0 | 4 | 0 | 3 | 2 | 1 | 4 |
| B | 1 | 0 | 8 | 1 | 0 | 0 | 2 | 1 | 1 | 3 | 4 | 1 |
| A | 0 | 0 | 7 | 0 | 0 | 0 | 1 | 6 | 9 | 8 | 7 | 6 |



#### AUTOMATIC TEST TUBE CHANGER

Used in Model 707 (without modification) 100 Sample Isomatic Test Tube Changer. Automatically count up to 100 test tubes and print out sample number, count, and time.



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Used in Model 731 (without modification) 100 Sample Isomatic Planchet Changer. Automatically count up to 100 planchets and print out sample number, count, and time.



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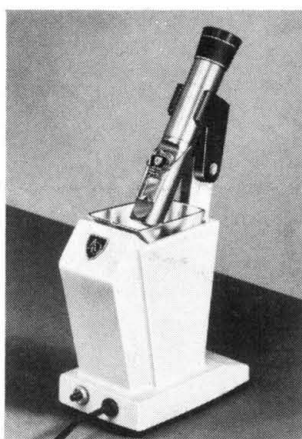
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\* The new Goldberg Refractometer and its use as a "concentrimer" were developed in cooperation with Dr. A. V. Wolf, Head of the Dept. of Physiology, University of Illinois, College of Medicine.



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