

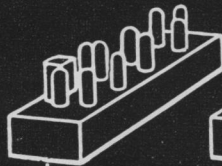
SCIENCE

13 July 1956

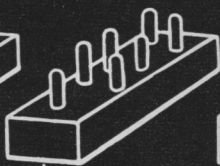
Volume 124, Number 321

Editorial	Wish You Were Here	51
Articles	Role of Crystallization in Polymers and Proteins: <i>P. J. Flory</i>	53
	Pathologic Effects of Atomic Radiation: <i>Committee on Pathologic Effects of Atomic Radiation</i>	60
	Agriculture, Food Supplies, and Atomic Radiation: <i>Committee on the Effects of Atomic Radiation on Agriculture and Food Supplies</i>	63
	Walter S. Adams, Observer of Sun and Stars: <i>P. W. Merrill</i>	67
News of Science	Cigarettes and Cancer; British and American Engineering Research; NSF Expands Soviet Translation Program; Free Neutrino Found; Survey of Engineering Professors; Mammary Tumor Agents in Mice; News Briefs; Scientists in the News; Recent Deaths; Education; In the Laboratories; Miscellaneous	68
Reports	Relation of Ammonia Excretion to Urine pH in the Guinea Pig: <i>R. Richterich-Van Baerle, L. Goldstein, E. H. Dearborn</i>	74
	Taming and Susceptibility to Audiogenic Convulsions: <i>W. Bevan, M. Grodsky, G. Bostelmann</i>	74
	Protoplasmic Streaming in Plants Sensitive and Insensitive to Chilling Temperatures: <i>D. A. Lewis</i>	75
	Direct-Reacting Bilirubin, Bilirubin Glucuronide, in Serum, Bile, and Urine: <i>R. Schmid</i>	76
	Solute and Temperature Effects in the Pervaporation of Aqueous Alcoholic Solutions: <i>E. G. Heisler et al.</i>	77
	Tremor Induced by Tremorine and Its Antagonism by Anti-Parkinson Drugs: <i>G. M. Everett, L. E. Blockus, I. M. Shepperd</i>	79
	Another Case of Anomalous Pregnancy in a White Rat: <i>E. P. Yule and J. D. Sylvester</i>	79
	Pathology of Egg-Adapted Avian Encephalomyelitis: <i>E. Jungherr, F. Sumner, R. E. Luginbuhl</i>	80
	Crystallization of Cytidine Diphosphate Choline from Yeast: <i>I. Lieberman, L. Berger, W. T. Gimenez</i>	81
	Nucleic Acid and Succinic Dehydrogenase of Rat Liver after X-irradiation: <i>L. L. Gershbein and B. K. Krotoszyński</i>	81
Book Reviews	<i>Theories of Learning; Précis de gérontologie; Einführung in die Geometrie der Waben; Physiology of Digestion; Lectures on Theoretical Physics; Protoplasmatologia, Handbuch der Protoplasmaforschung; Principles of Renal Physiology; New Books; Miscellaneous Publications</i>	83
Meetings and Societies	Scientific Basis of Weather Modification; Meeting Notes; Forthcoming Events	86

RLA-1 Linear Amplifier
Sub-Chassis



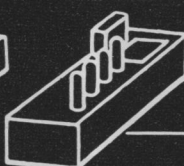
RLA-3 Widener and
Gate Generator
Sub-Chassis



RLA-5S Pulse Height
Discriminator Sub-Sub-Chassis



RLR-7 Research Ratemeter
Sub-Chassis



RLA-5P 1, 2 or 3
Scanning motor



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Features:

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- *Extremely wide-range window adjustment*
- *Can be used directly with a scaler or a built-in ratemeter*
- *Flexibility of Tracerlab's "Building Block" modular chassis construction*
- *Low cost and proven reliability*

This instrument is a convenient combination of standard Tracerlab modular components. Pulses from a spectrometer detector are amplified, gated and analyzed by the window type discriminator. Pulses falling within the selected window, 0 to 30 volts, pass to a scaler, ratemeter or self contained automatic scanning ratemeter.

Three models are offered: The RLI-4 is a basic pulse height amplifier-analyzer priced at \$870.00 complete with low voltage power supply. The RLI-4R includes a built-in precision ratemeter and costs \$1315.00, and the RLI-4SR, including a motor drive for automatic scanning is priced at \$1390.00 complete. All these instruments are suitable for rack mounting.



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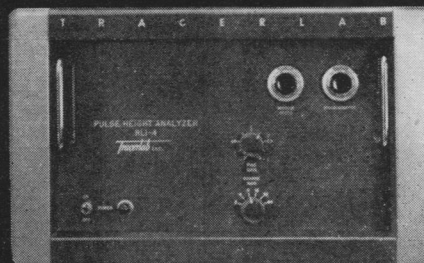
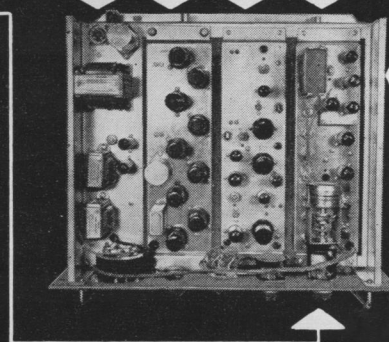
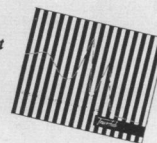


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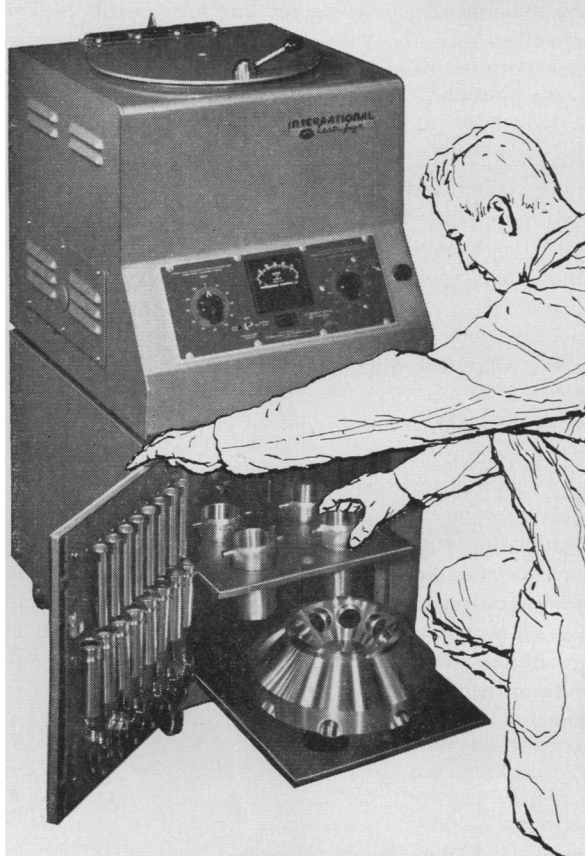
centrifuge model CM ... for routine centrifuging

Designed for the moderate budget, the Model CM is a heavy-duty Centrifuge for all ordinary applications where very high speeds are not essential. It is an unusually versatile unit with interchangeable analytical heads for spinning tubes and bottles in the angle and horizontal positions and basket style heads for filtration and clarification.

EMPHASIS ON FUNCTIONAL EFFICIENCY

All operating units are completely enclosed in a handsomely modern functional cabinet of two piece construction, which incorporates shelves for extra heads and features International's new "Stor-a-Door" for storing shields and trunnion rings. Controls are easily accessible and indicators are on eye-level angle for utmost efficiency.

...with Emphasis on Functional Efficiency



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Stainless Steel Guard Bowl, corrosion resistant, easy to clean, no paint to chip or peel.

Finger Touch Brake, for safe, smooth deceleration.

Autotransformer, stepless speed control without heating.

Electric Tachometer, non-mechanical continuous speed indication.

Permanent Speed and Force Table, for quick reference.

Two-Piece Construction, for use as bench-Model Centrifuge when desired.

SPECIFICATIONS

Speed — 1200 to 4500 r.p.m. — 290 to 3200 G.

Capacity — 15, 50, 100 ml. tubes; 250 ml. bottles; 3 liter baskets.

Height — 39", **Width** — 20", **Depth** — 23".

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