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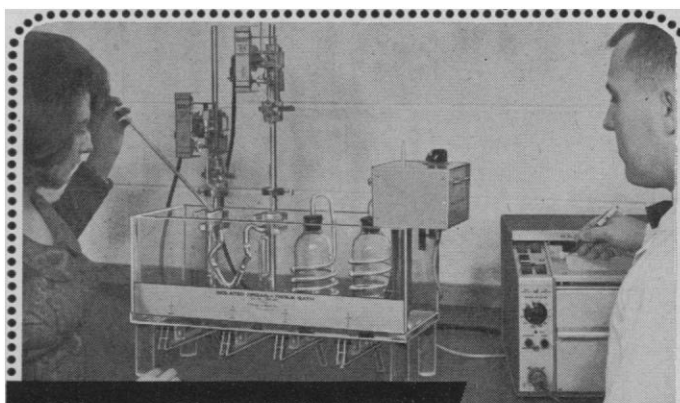
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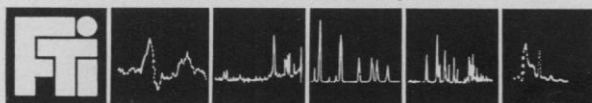


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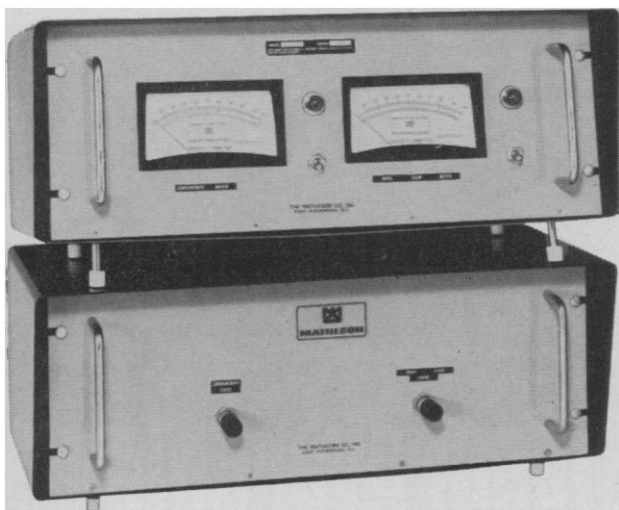
The newly designed Model 1010 digital computer uses true signal averaging rather than straight summation or weighted average methods. Sweep speeds range from 20 microseconds per address to 200 seconds for a complete 256 address sweep. It's easier to operate; even the oscilloscope and X-Y recorder outputs are calibrated by pushbutton.

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4. Permits substantial savings.

#### Write for Bulletin

The Matheson Dyna-Blender is engineered to your specific requirements with broader ranges than are required for normal applications. It is supplied completely calibrated for use and can be monitored by connecting to any standard recorder. The Dyna-Blender is another custom made system developed by Matheson for improved gas handling. See Matheson Catalog for information on other Matheson gas handling equipment.



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## Personnel Placement

#### RATE CHANGE Effective 1 Jan. 1969

**POSITIONS WANTED:** 40¢ per word, minimum charge \$10. Use of Box Number counts as 10 additional words. Payment in advance is required. These rates apply to individuals only. Personnel agencies and companies take display rate for all advertising.

**POSITIONS OPEN:** \$7 per column line, if publisher's type is used (12 lines = 1 inch). Minimum ad is 12 lines or \$84. All ads using larger than 6 point type will be billed as display ads at \$90 per inch. No charge for Box Number. Rates net. No agency commission allowed for ads under 4 inches. No cash discount. Ads over 1 inch will be billed to the nearest half inch. Payment in advance is required except where satisfactory credit has been established.

**COPY** for ads must reach **SCIENCE** 4 weeks before issue date (Friday of every week). Send copy for Personnel Placement advertising to:

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Replies to blind ads should be addressed as follows:

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**Biologist, Ph.D., 29**, with broad background, seeks teaching/research position at university or quality college. Electron microscope experience. Will teach in areas of developmental biology, ultrastructure, genetics, anatomy, and plant physiology. One year of teaching experience. Available Sept. 1969. Box 18, **SCIENCE**. 1/17

**Biologist, Ph.D.**, extensive experience in electron microscopy, histology, histochemistry, experimental pathology. Grants' recipient, 40 publications. Desires academic/teaching position. Box 19, **SCIENCE**. 1/17

**Business Administrator**, university, hospital, medical institute background. Creative and effective. Box 16, **SCIENCE**. X

**Consultant, Electronics**. Instrumentation, controls, power supplies. Prototype fabrication and test facilities. Local servicing. New York City area. Box 20, **SCIENCE**. X

**Entomology, Ph.D., 1968**; parasitology, ecology minors; research insect control, environmental effects; seeks commercial research or public health opportunity. Woodward Personnel Bureau, 185 North Wabash, Chicago 60601. X

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Applications (15 copies), giving the names of not more than three referees, must be lodged with the Registrar of the University, 6 Kensington Terrace, Newcastle upon Tyne NE1 7RU, not later than Monday, 17 February 1969.

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Reply with vitae to Robert D. Wright, Coordinator, Department of Biology.

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Please send letter of application, résumé, and references to:

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The appointee will work in close association with the existing groups at Ruakura Agricultural Research Centre. In relation to his interests and experience he will be free to choose an aspect for study from a broad field, e.g. deranged enzyme systems, detoxification mechanisms, inflammatory reactions of animal tissues, electron microscopy, sporidesmin biosynthesis by the fungus, microbial ecology of pasture plants.

Good facilities are available for biochemical or mycological techniques and for experimental pathology including tissue culture and electron microscopy. Adequate supplies of laboratory and farm animals are available.

Fellowships are normally for a period of from 2 to 4 years with the right, by agreement, to remain at the end. The emolument will be up to \$NZ8,200 a year depending on scientific merit. The emolument is taxable. \$NZ1 is approximately 9s 4d sterling or \$US1.12. If applicable, the employers contribution to a superannuation scheme will be paid. If reciprocal social security between the Fellow's country and New Zealand does not apply a medical insurance premium will be paid.

A grant equivalent to return economy-class air fares from the fellow's home to New Zealand will be paid. If the fellow's wife and family accompanies him a grant equivalent to their return fares will also be paid. A grant will be made towards the cost of transport of personal effects. While in New Zealand reasonable travelling expenses incurred in connection with the research work will be paid. Housing is available for a married fellow.

Further details and application forms are available from: The Director, Ruakura Animal Research Station, Private Bag, Hamilton, New Zealand.

Applications close with: The Secretary, National Research Advisory Council, P.O. Box 8004, Wellington, New Zealand on 30 April 1969.

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