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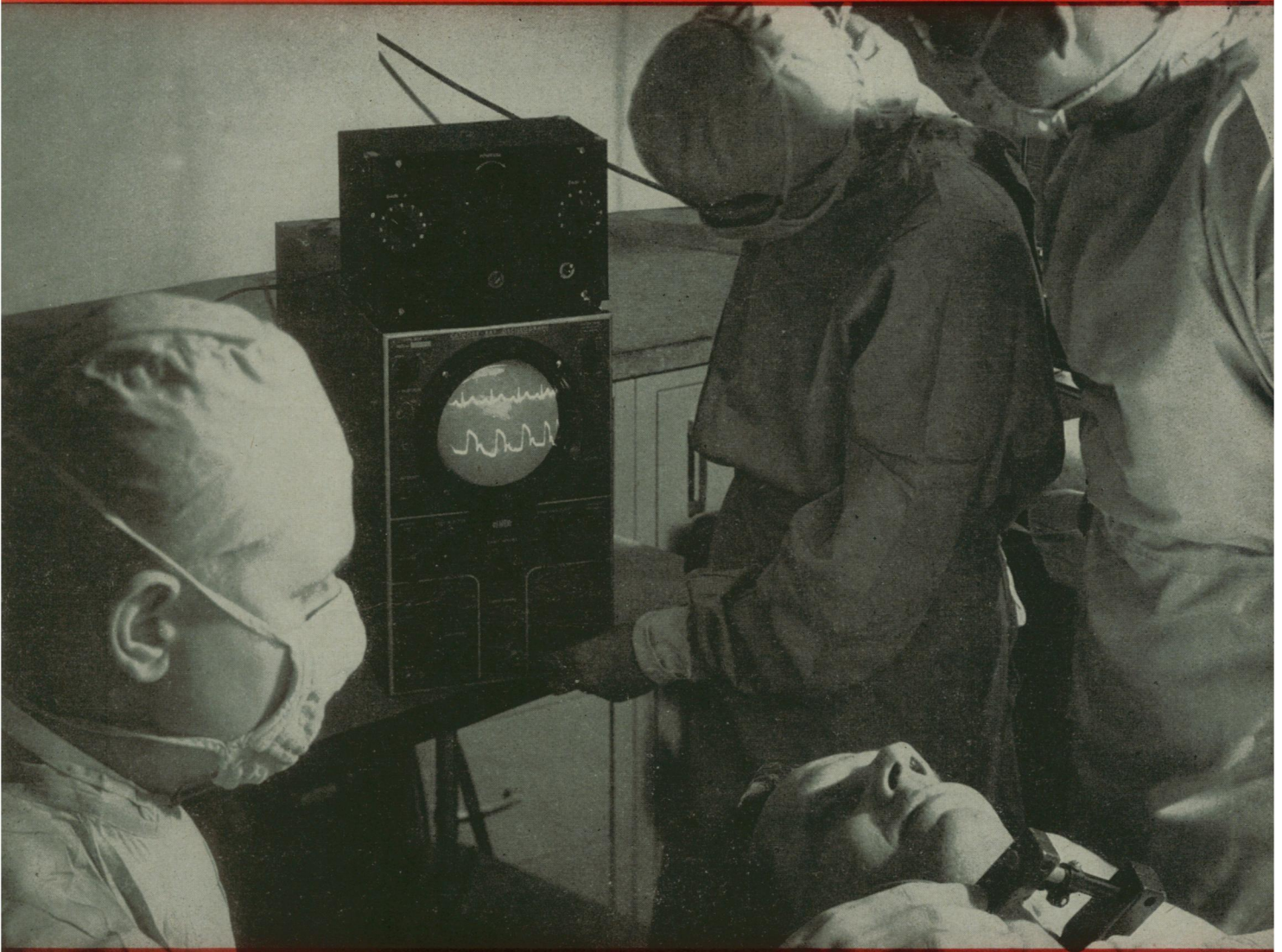
\$5.50 A YEAR

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SCIENCE NEWS LETTER

THE WEEKLY SUMMARY OF CURRENT SCIENCE

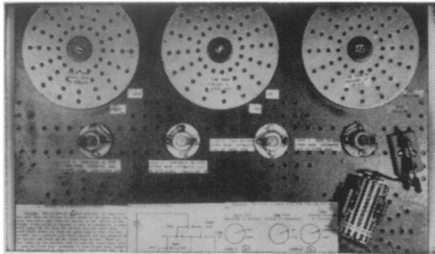


Heart Surgery

See Page 41

A SCIENCE SERVICE PUBLICATION

Why have hundreds of schools bought **GENIAC**, The Electric Brain Construction Kit?



This is the control panel of GENIAC set up to solve a problem in symbolic logic analysis.

We think it's because GENIAC is the only kit and text combination that presents the basic ideas of cybernetics, boolean algebra, symbolic logic and computer circuitry so simply that a twelve year old can construct what will still fascinate advanced students.

The partial list of our institutional purchasers below indicates a cross section of our customers. GENIAC is not only an excellent classroom demonstrator but it provides hours of fun abuilding. As such it makes a perfect Birthday present for the science minded teen-ager. As a father-son project it can't be beaten.

GENIAC is sold to all customers on a one week return guarantee. You may actually use it in that time, returning it as is if you decide not to keep it.

Order yours now only \$19.95

Some of the 33 GENIACS you can build from the completely detailed instruction manual are:

- LOGIC MACHINES: Comparing; Reasoning; Syllogism Machine; Intelligence Tester.
- GAME PLAYING MACHINES: Tic-Tac-Toe; Nim (Think you can beat the machine?).
- ARITHMETICAL MACHINES (Binary and Decimal): Adder; Subtractor; Multiplier; Divider; Arithmetical Carrying.
- CODE MACHINES: Secret Coder; Secret Decoder; Combination Locks.
- SIMPLE MACHINES: Burglar Alarm; Automatic Oil Furnace Circuit.
- PUZZLE SOLVERS: The Space Ship Airlock; The Fox, the Hen, the Hired Man and the Corn; The Uranium Shipment and the Space Pirates.
- ACTUARIAL: Douglas MacDonal'd's Will.

GENIAC parts are specially manufactured to high tolerance; they include a special six deck switch of unique design and over 400 components plus a book "GENIACS SIMPLE ELECTRICAL BRAIN MACHINES AND HOW TO MAKE THEM." GENIAC is a remarkable buy for

only \$19.95

Kit and instructions are returnable for full refund in seven days. This is a perfect father and son project; your whole family and your friends will enjoy the finished machines. You can design new computers from the adaptable parts.

----- MAIL THIS COUPON -----

SCIENCE KITS, Dept SL-17, Oliver Garfield Co., 126 Lexington Ave., New York 3, N. Y.
Please send me:

- 1 GENIAC Electric Brain Construction Kit and Manual.
\$19.95 (East of Mississippi)
- \$20.95 (Elsewhere in United States)
- \$21.95 (Outside the United States)

Returnable in seven days for full refund if not satisfied. I enclose \$.....in full payment.

My name and address are attached.

SOME FIRMS AND INSTITUTIONS THAT HAVE ORDERED GENIAC:

- Allis-Chalmers
- Remington-Rand
- International Business Machines
- Wheeldex Mfg. Co.
- Manuel Missionary College
- Walter V. Clarke Associates
- Barnard College
- Westinghouse Electric
- Phillips Laboratories
- General Insurance Co. of America
- Lafayette Radio
- Rohr Aircraft Co.
- Southwest Missouri State College
- Fibreglass Corp.
- Stamford Research Institute
- The Heath Co.
- American Management Assoc.
- De Paul University Hydro Electric Tower
- Adams State Teachers College
- Abercrombie and Fitch
- Kleinschmidt Laboratories
- Kansas State Teachers College
- Albert Einstein Medical College
- Naval Research Laboratories
- Board of Education, Tecumseh, Nebraska
- Marshfield Public Schools
- Los Angeles Public Schools
- Jefferson Union High School
- Oklahoma A&M
- Kansas City University
- Duke University
- Coral Gables Senior High School
- Courtland Jr. High School
- Bell Telephone Laboratories
- Lovell Public Schools
- Clearwater High School
- St. John's Seminary
- Orange County Community College
- Morningside College
- New Hampshire Public School
- Kentucky Wesleyan College
- University of Ottawa

... and hundreds of other individuals and institutions