Versatility, high performance and reliability make the new Sorvall® RC-5B the best-buy superspeed centrifuge.

**Multi-rotor versatility**
An exceptional variety of applications is possible with a selection of 12 rotors—including DuPont’s patented Sorvall® vertical rotors* in addition to fixed angle, swinging bucket, zonal and continuous flow types.

**Dramatically improved performance**
Sorvall® vertical rotors enable the RC-5B to give ultracentrifuge performance in some density gradient separations in less time and with larger volumes. Long the established leader for pelleting, the RC-5B now provides improved performance for density gradient runs and other demanding jobs.

**Automatic rate control**
The performance of Sorvall® vertical rotors has been further enhanced by an Automatic Rate Controller that provides controlled acceleration and soft stops.

**5-year refrigeration system warranty**
A warranty unmatched in the field backs up an efficient, reliable refrigeration system. Rotors are warranted for 7 years.

**Widest selection of accessories**
DuPont offers the widest range of tubes, bottles and adapters available from any centrifuge manufacturer for superspeed applications.

Get details on these and other features of the new Sorvall® RC-5B system by writing to DuPont Company, Room 36006, Wilmington, DE 19898.

*U.S. Patent 3,998,383

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The Commodore Pre-Programmables

The Statistician $9950

The Commodore 561 STATISTICAN is the only complete preprogrammed statistical calculator on the market. The Commodore ST-1 performs Linear regression requiring only paired data points. Then with single key calculations: determine slope, intercept. Residual sum of squares, coefficient of correlation, mean of x values, mean of y values, fitted y value to corresponding x, fitted x-line value for corresponding y, standard deviation of y values. Mean and standard deviation for grouped data. Preprogrammed data on functions can concurrently be calculated. Then add on or subtract further values without destroying the data base. Compute sample mean, unbiased estimate of standard deviation, standard deviation of a population, all with single key stroke.

STATISTICAL FUNCTIONS
Distribution: t and F
Chi-square
Hypergeometric
Gaussian (normal)
Gaussian Inverse
Binomial
Poison
Chi-square (goodness of fit) statistic
Permutation
Combination
Factorial

The Navigator

FOR THE PILOT-PROFESSIONAL OR AMATEUR: The N60 NAVIGATOR instantly gives the pilot all computations preprogrammed for single keystroke entry. Prior to flight, the N60 plots the most efficient course using one VOR and two VOR's. It finds position by Rhumbline. The versatile wind triangle function gives the wind speed, true air temperature and conversion. The N60 will determine the time en route, the time of arrival, and fuel consumption rate. Also trigs and inverse trigs, degrees/radians conversions, common log and antilog.

The Commodore 561 STATISTICAN is fully rechargable. The unit includes Ni-Cd batteries and charger.

The Scientific

The Commodore SR4190R has over 100 preprogrammed functions, 14 digit display (10 mantissa, 2 exponent, signs) and is fully rechargable. Adaptron/recharger and Ni-Cd batteries included.

The Mathematician

The M55 is the Most Complete Mathematical Calculator in the Field. It offers these preprogrammed features: Combinations, Incomplete gamma and its natural log, Bessel function, Gaussian (normal) and Poisson distribution, Legendre and Laguerre Polynomials, Quadratic solution, Numerical Integration, Error, Chain with matrix, vector and complex arithmetic, Vector operations too. There are an impressive array of 14 preprogrammed conversions, and there are 56 keys and controls and J1 dual functions. The M55 boasts 11 preprogrammed physical constants.

The PET

Personal Electronic Transactor
Model 2001

Coming soon: An affordable home and business computer that is fully assembled. The PET is very compact - only 16-1/2" x 18-1/2" x 14". It contains a 9" CRT with high resolution 1000 character graphics (40 col. x 25 lines, 8x8 dot matrix), an audio cassette drive for data and program storage, and a 73 key keyboard. Software includes full basic, cassette file management, and full screen graphics. The PET can talk to the outside world through its IEEE-488 Interface to additional cassettes, IBM seletric typewriter, etc. The PET comes with 4K and 8K bytes RAM memory, expandable to 32K. Floppy disk will be available in 1978.

PET 2001 with 4K RAM $595, with 8K RAM $795. (avail. late 77)

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Green fluorescent display provides optimal viewing even for night-flying. 14 digits: 10 mantissa, 2 exponent and minus sign.

It's rechargeable; it should operate for upwards of four hours. Ni-Cd batteries and charger included.

The Scientific

The Commodore SR4190R has over 100 preprogrammed functions, 14 digit display (10 mantissa, 2 exponents, signs) and is fully rechargable. Adaptron/recharger and Ni-Cd batteries included.

The keyboard offers: Integration key to determine the area under a curve, permutation and combinations keys, Linear regression, minutes, seconds, trig, hyperbolic functions. All logarithmic functions, all standard powers and roots, parentheses, 1105 digit ran-dom number generation. And there are 8 fully addressable memories for running up to 8 separate calculations independently and simultaneously. The display is 14 digits, with 10 digit mantissa and sign and 2 digit exponent and sign. There is a fixed decimal point feature as well as floating decimal.

The 561 STATISTICAN is fully rechargable. The unit includes Ni-Cd batteries, and charger.

The Mathematician

The M55 is the Most Complete Mathematical Calculator in the Field. It offers these preprogrammed features: Combinations, Incomplete gamma and its natural log, Bessel function, Gaussian (normal) and Poisson distribution, Legendre and Laguerre Polynomials, Quadratic solution, Numerical Integration, Error, Chain with matrix, vector and complex arithmetic, Vector operations too. There are an impressive array of 14 preprogrammed conversions, and there are 56 keys and controls and J1 dual functions. The M55 boasts 11 preprogrammed physical constants.

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