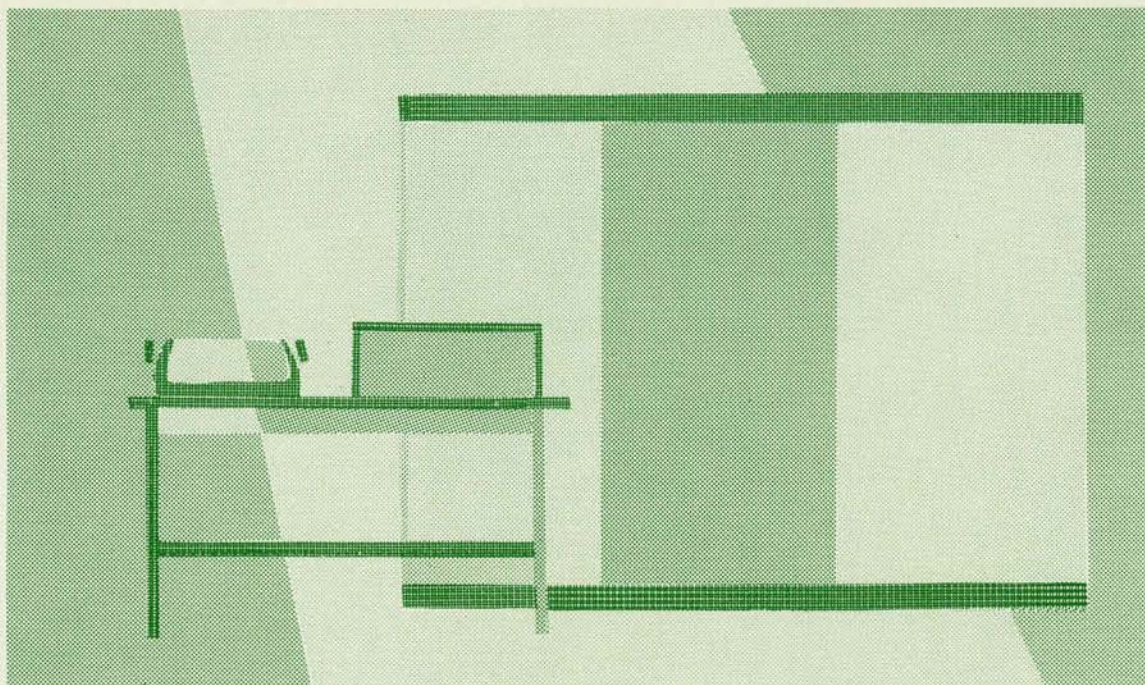# SDS Announces

. . . . the SDS 930

A new, high-speed, general purpose, digital computer with a 2 µsec memory cycle. The 930 instruction list and format are identical with those of the SDS 920--you can use 920 reference and programming manuals, and the already proven 900 Series programming library. But it's faster by a factor of 4.

EXECUTION TIMES

	ADD	MULTIPLY	DIVIDE
Fixed Point	4 µsec	8 µsec	20 µsec
Floating Point Algorithms (24-bit mantissa, 9-bit exponent)	81 µsec	58.8 µsec	81 µsec
Floating Point Algorithms (39-bit mantissa, 9-bit exponent)	90.5 µsec	152.3 µsec	166.7 µsec

PLUS

- Up to 32,384 words of directly addressable memory

- Up to 8 input/output channels, with rates up to 2 million characters (or 500,000 words) per second

- Input/Output simultaneous with computation, using an independent memory bank

- FORTRAN II compilation at a rate of 500 statements per minute

- New peripheral equipment, including 96 Kc magnetic tape units, in addition to all the present SDS 900 Series peripheral equipment

An SDS 930 with Console, I/O Typewriter, Paper Tape Reader, and Paper Tape Punch costs only $108,000. Without paper tape equipment, it's only $98,000.