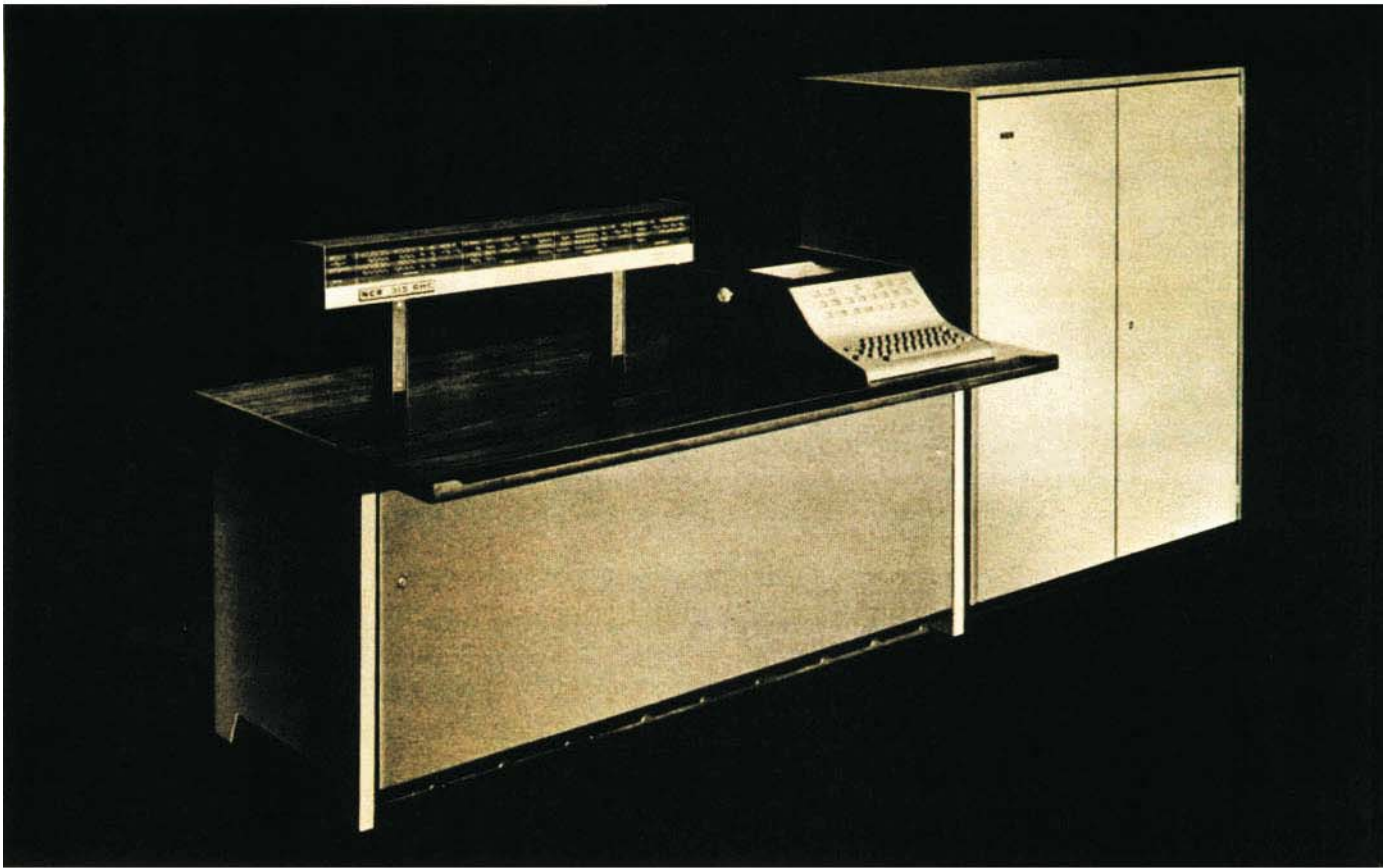


NCR 315 **rod memory** **computer**

LATEST MEMBER OF NCR'S FAMILY OF 315 COMPUTERS ...

PROGRAMMING IDENTICAL WITH ALL NCR 315 COMPUTERS



NCR 315 **rod memory** computer

REPRESENTS AN ADVANCED STATE OF COMPUTER ART

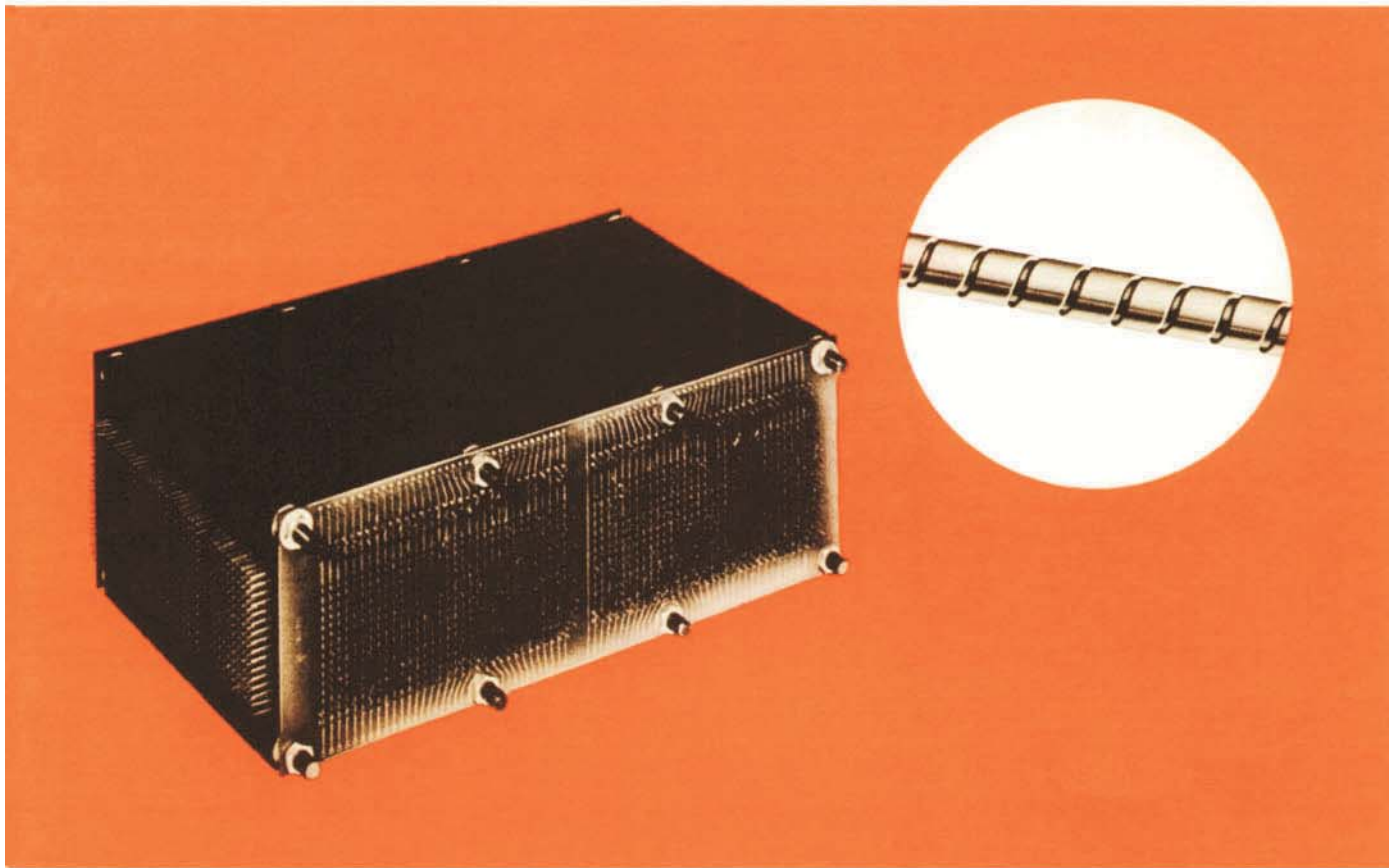
It's the latest generation in NCR's line of 315 Computer Systems. It's the first commercially available computer to employ an all thin film memory. Cycle time has been decreased nearly 8-fold, to 800 nanoseconds. New high speed peripheral units, plus

floating point logic have been added to the system. All of which provide a truly remarkable throughput capability and extend the scientific abilities of the system for those users who have need for combination business and scientific processing facilities.

COMPATIBLE WITH ALL OTHER MEMBERS OF NCR'S 315 COMPUTER FAMILY

Same command structure . . . same data format. All 315 programs . . . not just some . . . are completely compatible with this latest member of the family. All 315 software, all customer programs, every program that runs on a 315 or a 315-100 will

run . . . without change . . . on the 315 Rod Memory Computer. To facilitate on-line processing, some additional real-time logic and commands have been built into the system.



EMPLOYS A UNIQUE CYLINDRICAL THIN FILM MEMORY

This is not just a "scratch-pad" memory. The entire memory is made up of thin film rods.

The "rod" shown in the illustration has been magnified to about 20 times its actual size. Only .015" thick, 6" long, and coated with a magnetic material, each rod can store 40 binary digits.

Because the rod is a faster switching element . . . both on the writing of data into memory and the reading of data from memory . . . access times and cycle times are greatly reduced as compared to magnetic core type memories.