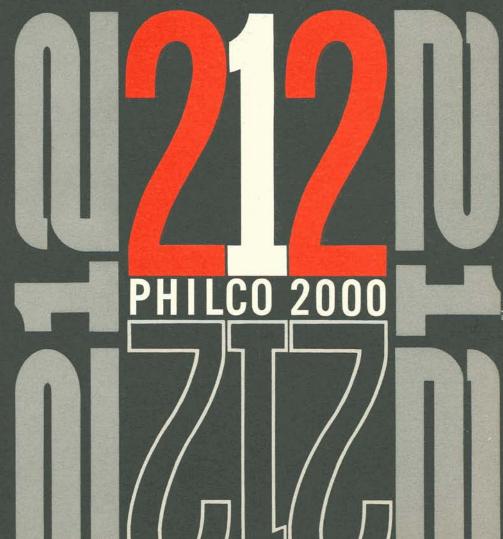
# introducing

a new concept in computer speed, efficiency and flexibility



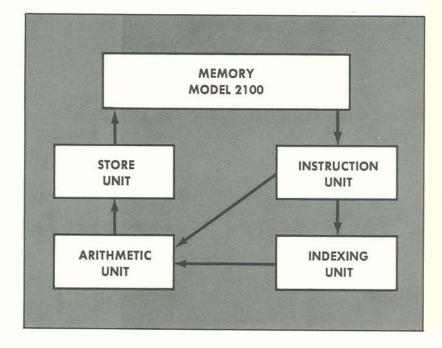
A new computer in the Philco 2000 series, Model 212 is a general purpose computer designed to serve the data processing needs of the businessman, scientist and engineer.

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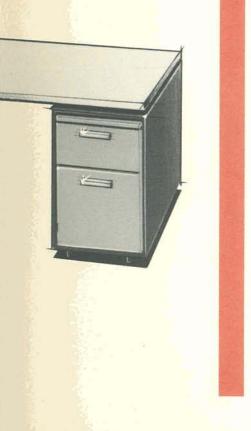
Significant design improvements have produced a balanced computer with faster circuits and new logical organization. Starting with its simplified console, the new Philco 212 computer sets the pace for speed, efficiency and flexibility . . . with a welcome note of economy.



# ADVANCED FOUR-WAY PROCESSING



Advanced four-way processing permits four instructions to be processed simultaneously. The 212 features asynchronous processing between instructions, as well as within an instruction. For example, while the computer is storing or waiting to store the result of an instruction, it is executing the next instruction, indexing and getting operands for still another, and is getting the next four instructions from memory.



#### SPEED

The new Philco 212 is fast. Faster circuits with diode transistor logic and improved internal organization make it a full four times faster than Model 211 and other Philco computers. For instance, the 212 can multiply two 48-bit words in under ten microseconds. This includes all access times.

Maximum access time for a pair of instructions is one microsecond. Under normal conditions, however, access time is considerably less than .5 microsecond per instruction.

### EFFICIENCY AND FLEXIBILITY

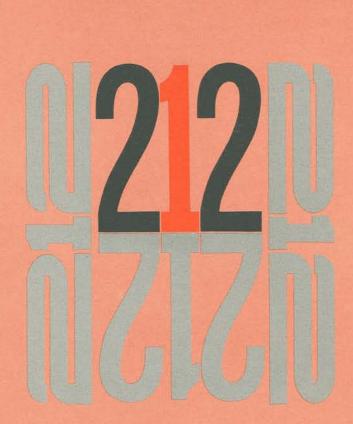
The console of the 212 has been optimized by reducing the number of controls. Design of the console blends and integrates computer functions and operator control; resulting in the most efficient possible operation.

The instruction catalog has been expanded to include 248 instructions for complete flexibility. And, there's more power in index register usage. Four modes of automatic index register modification assure maximum program efficiency.

Repeat functions have also been expanded to allow automatic looping of up to four instructions.

#### ECONOMY

Economy is inherent throughout the system. Some of the features that provide this economy are more effective use of memory, faster running time and reduced programming time. Advanced four-way processing is also a powerful economic factor of this new Philco computer.





## COMPATIBILITY

The new 212 is compatible with other Philco computers. Since the 212 is the next step in the succession of the Philco 2000 computer series, it does not outdate earlier models. Programs and routines used on Models 210 and 211 can be run on the 212 without reprogramming. Ease of programming is assured by the availability of TAC, ALTAC and COBOL compilers.

The addition of this new central processor to current installations illustrates that asynchronous Philco 2000 systems need never become obsolete.



For more information on the Philco 212 computer, contact the Marketing Department, Philco Corporation, Computer Division, 3900 Welsh Road, Willow Grove, Pennsylvania.

