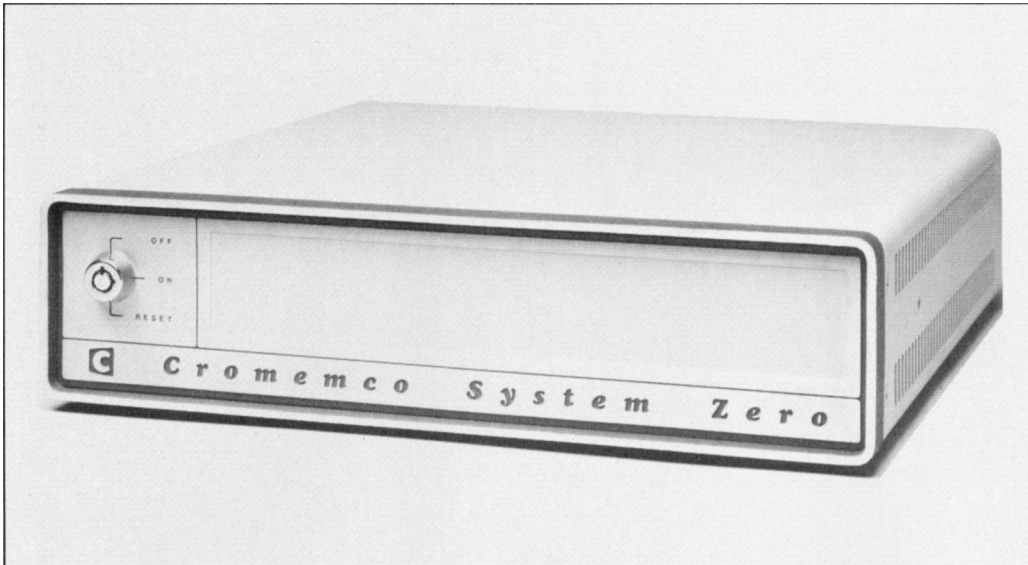


## SYSTEM ZERO



The System Zero (Model CS-0) is designed for development of systems based on Cromemco's Single Card Computer (Model SCC). The CS-0 has four S-100 slots, one of which is occupied by the SCC. Cromemco's Monitor and Control Basic firmware (MCB-216) is included.

The Monitor allows the user to read and modify memory locations and registers and exercise input and output ports. Break points can also be set, a valuable feature when debugging software.

Control BASIC is an integer basic designed to help

get the application up quickly. Special commands are provided to directly access I/O ports, to directly read and write memory locations, and to call machine-language subroutines.

Once software is developed it can be burned into PROM memory quickly and easily using the Cromemco 32K BYTESAVER programmer (not included with the System Zero). Programs can then be executed directly from the BYTESAVER, or the PROMs can be installed in the extra sockets on the SCC for resident execution.

## TECHNICAL SPECIFICATIONS

**Processor:**

4 MHz Z-80A

**Cycle Time:**

250 nanoseconds

**Minimum Instruction Execution Time:**

1 microsecond

**Instruction Set:**

158 instructions including the 78 instructions of the 8080A processor

**System Bus:**

Industry standard S-100

**Board Capacity:**

4 boards

**Boards Supplied:**

SCC

**RAM Memory:**

1Kb

**ROM Memory:**

8Kb

**Firmware Provided:**

RDOS

**Power:**

Operates from 110/120/220/240 volts; 50/60 cycle

**Operating Environment:**

0-55 degrees Centigrade

**Dimensions:**

14.2"W x 3.45"H x 13.4"D

**Weight:**

15 lbs.

**Mounting:**

Cabinet; optional rack-mount brackets available (Model RMB-O)