SOFT500 SOFTWARE

Host computer software: PC-DOS 1.1 or 2.0, BASICA (IBM).
        Apple DOS 3.2 or 3.3, APPLESOFT
        Basic (Ap)
System architecture: Real-time, foreground/backround,
        interrupt driven
Command families: Analog Input, Analog Output,
       Digital Input, Digital Output,
       Analog and Digital Triggering
       Array Control and Memory Management,
       Interrupt and Task Control,
       Statistics and Data Analysis,
       Screen Graphics (real-time, non-real
       time), Timing and Clock Control.
Commands: 43 (IBM), 38 (Apple)
Concurrent backround tasks: 64 max (IBM), 20 max (Apple)
Maximum analog sampling rate:
   foreground,   31 kHz (IBM), 27 kHz (Apple)
   backround,   1 kHz (IBM), 500 Hz (Apple)
Timer channels: 3, 16 bit-cascadable
Timer resolution: 1 us
Clock/calendar units: seconds, minutes, hours, date, year
Power-fail battery backup: 90 days

Note: All specifications are typical, at 23°C unless otherwise noted.

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