



2 FD400 (882DD)  
w/cable & cables 2295.-

~ 200 BASIC

## MITS<sup>TM</sup> 3200 Series Dual Floppy Disk System

DUAL ✓  
2695  
SINGLE DRIVE

1500

The MITS<sup>TM</sup> 3200 series are complete dual floppy disk systems which may be used with any computer that utilizes the S-100 bus structure.

The MITS 3202 Floppy Disk System consists of two Pertec FD511 Flexible Disk Drives mounted in a stand-alone cabinet which contains the power supply, line buffers and addressing circuitry.

The disk controller requires two S-100 card slots, and will perform the necessary housekeeping functions for data transfers and disk drive operations for up to 16 flexible disk drives.

The MITS 3203 is an expansion unit consisting of dual Pertec FD511 Flexible Disk Drives, buffer boards and an interface cable to connect it to a MITS 3202. Up to seven 3203's may be connected to a 3202.

The MITS 3202 and 3203 were specifically designed for applications where high speed, reliable mass storage is required and for applications that require frequent updating of the data base (i.e., inventory control, mailing lists, accounting records, etc.). Simplicity of operation ensures minimal down-time due to operator errors. The dual drives allow easy duplication of diskettes so that back-up copies of data and programs may be easily produced.

Included with the 3200 series drives is a preprogrammed PROM (containing a disk bootstrap loader program) and all required cables to simplify installation and operation.

Please refer to the reverse side for specifications.

## 3202, 3203 Floppy Disk System Specifications

<b>Diskette Type</b>	8-inch
<b>Access Time</b>	
Track to Track	10 msec
Head Load and Settle Time	45 msec
Average Read or Write Time	400 msec
Worst Case	1135 msec
<b>Rotational Speed</b>	360 rpm.(166.7 msec/rev)
<b>Data Transfer Rate</b>	250,000 bits per second (one 8-bit byte every 32 msec)
<b>Tracks</b>	77 per diskette
<b>Sectoring</b>	Hard sectored, 32 sectors per track 5.2 msec per sector (non-IBM compatible)
<b>Data Storage Capacity</b>	310,000 bytes per diskette
<b>Data Bytes per Sector</b>	128
<b>Data Bytes per Track</b>	4096
<b>Drive Data Reliability</b>	Not more than 1 in 10 <sup>8</sup> soft (recoverable) errors, 1 in 10 <sup>12</sup> hard (non-recoverable) errors
<b>Drive Head Life</b>	Over 10,000 hours of diskette to head contact
<b>Power Requirements</b>	
Controller	+ 8v at 1.1 amps
Disk Drive(s)	110/220v ac 50/60 Hz 110 watts maximum
<b>Dimensions</b>	
Height	184 mm (7.25 inches)
Width	489 mm (19.25 inches)
Depth	518 mm (20.4 inches)
Weight	27.3 Kg (60 pounds) maximum

UNFORNADISE 205-000  
4.1 BAXC  
2100  
\$ 50

2695

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