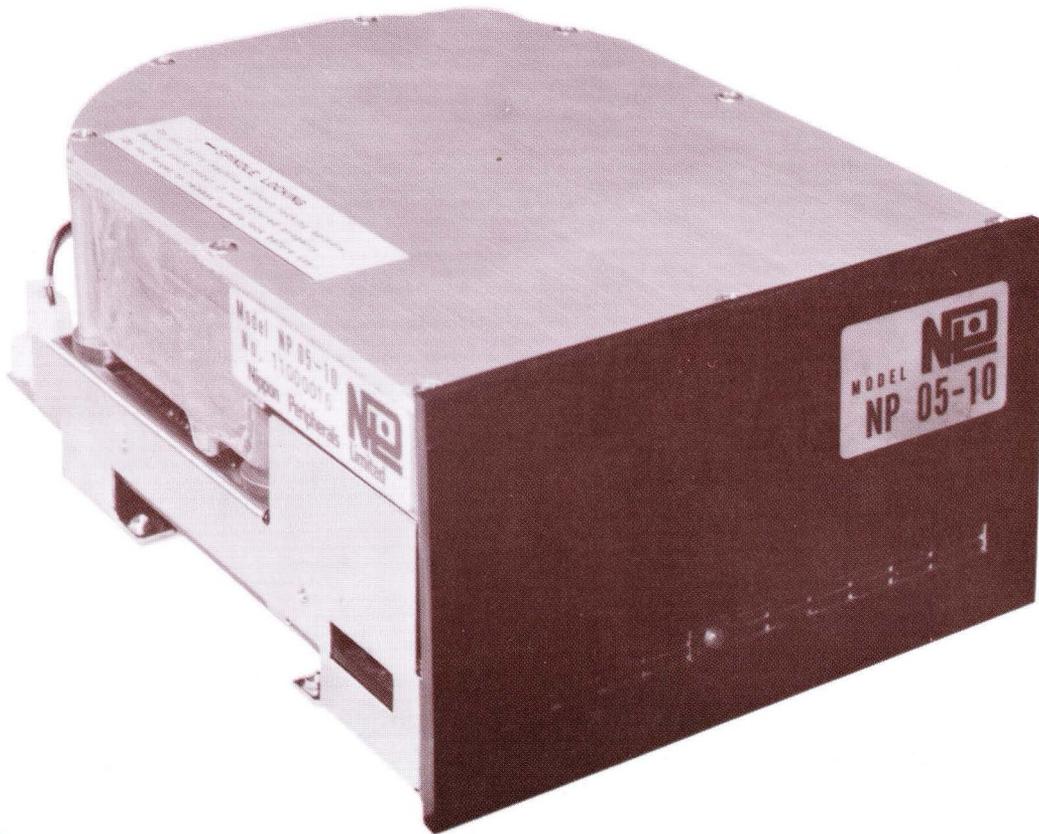


5 1/4 -INCH WINCHESTER MICRO DISK DRIVE NP05

5714/82



This disk drive is composed of 5 1/4 -inch hard disk storage modules with a recording capacity of up to 10 megabytes on three fixed disks.

The disk enclosure, which is factory sealed, contains heads, disks, a spindle with a motor, head positioning mechanism, and absolute filters. The disk drive includes two kinds of PCB and Index sensor.

Mechanical interface is same as Mini-floppy and the electrical interface is designed to be Seagate equivalent.

PERFORMANCE SPECIFICATION

Models	NPO5-6	NPO5-10
Performance		
Capacity (unformatted)	6.67 MB	10 MB
Per surface		1.67 MB
Per track		10.416 KB
Data transfer rate		5 Mbits/s
Access time (including settling time)		
Minimum		18 ms
Average		175 ms
Maximum		495 ms
Average latency time		8.3 ms
Functional		
Rotational speed		3600 RPM
Recording density		8020 BPI
Track density		254 TPI
Cylinders		160
Disks	2	3
Operating environment		
Temperature	5 to 45°C (41 to 113°F)	
Relative humidity	8 to 80%RH	
Wet bulb maximum	25°C (78°F) Non-condensation	
Altitude	0 to 3000 M (0 to 10000 ft)	
Power requirements		
DC voltages	+12V ±10% 1.8amps (typical) 4.5amps (start up max) + 5 V ±5 % 1.0amps (typical)	
Physical		
W × D × H	146 × 203 × 83 mm (5.75 × 8.0 × 3.25 inches)	
Weight	2.5 Kg (5.5 lbs)	
Interface	Compatible to ST506 Available for interfaces other than ST506	

- * Average access time is reducible to less than 95 ms including settling time by following two methods;
1. By receiving slew-up slew-down pulse train from CTRL.
 2. By using slew up slew down optional attachment.

Note : Specifications are subject to change without notice.

Option

Industrial interface models other than ST506 are available.
Slew up slew down attachment

For further information, please contact :



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