



NSM Series

DVD-RAM & CD-ROM Storage Libraries

- **Integrated Read Only, Write Once and Rewriteable Storage**
- **Fast Data Access and High Data Throughput**
- **Maximum Storage Density: High Capacity in a Small Space**
- **Intelligent Pack System for Online and Offline Data Management**
- **Optional *Capacity Doubler***



Features

- 100, 300, 400 and 600 disc capacity models
- Integrated read only, write once and rewriteable storage
- Able to read CD-ROM and CD-R data
- System controlled media security and handling
- Drives can be upgraded/exchanged to future technologies
- Maximum storage density - high capacity in a small space
- Mail slot for disc loading/unloading included
- Modular component design
- PoINT Software available

Reliability

- MSBF: 2,500,000 cycles
- Electronic MTBF: 60,000 hours (100% duty cycles)
- Internal air-filtration system
- No touch tray technology - eliminates direct media contact

About DISC

Manufactured at our facilities in Bingen, Germany, all DISC nearline storage appliances are fully scalable and developed to provide high performance and maximum reliability for data archive and retrieval.

DVD-RAM Drive

Type:	Hitachi GF2050
Data Transfer Rate:	1.38 MB/sec write 2.8 MB/sec read
Access Time:	210 ms

CD-ROM Drive

Type:	Plextor PX 32
Data Transfer Rate:	2.1 - 4.8 MB/sec read
Access Time:	85 ms

CD-R Drive

Type:	Plextor PX-R 412
Data Transfer Rate:	600 KB/sec write 1.2 - 1.8 MB/sec read
Access Time:	190 ms

Pack Technology

Increases the managed storage capacity of the individual library solution. Each pack holds 15 pieces of media and can be exchanged while the system is fully operating. The system software keeps all information about the files stored in each pack and automatically updates the active file system whenever a pack is exchanged.

Product Specifications	NSM 2000	NSM 3000	NSM 4000	NSM 6000
Number of Slots	75 to 120	225 to 300	340 to 415	395 to 605
Data Capacity (4.7GB per disc)	705 to 1.1 TB	2.1 to 2.8 TB	3.2 to 3.9 TB	3.7 to 5.7 TB
Media Exchange Time	2.5 sec. avg.	3 sec. avg.	4 sec. avg.	6 sec. avg.
Number of Drives	1 to 4	1 to 6	1 to 6	1 to 14
Data Interface	Dual Bus SCSI-2	Dual Bus SCSI-2	Dual Bus SCSI-2	Dual to Triple Bus SCSI-2
Robotics Control Interface	RS 232, SCSI-2 opt.	SCSI-2/RS 232 switchable	SCSI-2/RS 232 switchable	SCSI-2/RS 232 switchable
Dimensions (with feet)	9.5 x 16.2 x 25.3 (in)	24.6 x 30.9 x 26.2 (in)	25 x 38.6 x 26.2 (in)	25 x 50.8 x 26.2 (in)
W x H x D	240 x 409 x 642 (mm)	487 x 778 x 665 (mm)	487 x 980 x 665 (mm)	625 x 1290 x 665 (mm)
Weight	57 lb (26 kg)	120 lb (54 kg)	137 lb (62 kg)	188 lb (85 kg)

Product Specifications	NSM CD 2000	NSM CD 3000	NSM CD 4000	NSM CD 6000
Number of Slots	75 to 120	225 to 300	340 to 415	395 to 605
Data Capacity (650MB per disc)	40 to 90 GB	136 to 205 GB	210 to 280 GB	267 to 403 GB
Media Exchange Time	2.5 sec. avg.	3 sec. avg.	4 sec. avg.	6 sec. avg.
Number of Drives	1 to 4	1 to 6	1 to 6	1 to 14
Data Interface	Dual Bus SCSI-2	Dual Bus SCSI-2	Dual Bus SCSI-2	Dual to Triple Bus SCSI-2
Robotics Control Interface	RS 232, SCSI-2 opt.	SCSI-2/RS 232 switchable	SCSI-2/RS 232 switchable	SCSI-2/RS 232 switchable
Dimensions (with feet)	9.5 x 16.2 x 25.3 (in)	24.6 x 30.9 x 26.2 (in)	25 x 38.6 x 26.2 (in)	25 x 50.8 x 26.2 (in)
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