NSM Series
Modular CD and DVD Storage Libraries

Automated Solutions for Enterprise Storage

NSM Modular CD and DVD Storage Libraries are Next-Generation Libraries that can adapt to companies growing and changing storage requirements. The modular design concept gives users the flexibility to configure each library to meet the specific requirements of their application, and ensures that future technologies can be easily incorporated.

Applications

- Document management systems
- Legal and medical records
- Banking, finance transaction records
- Security/Video Surveillance Archives
- Photo and image archives
- E-mail archive
- Fixed Content Storage
- Information Lifecycle Management

Features

- Modular Design for Flexibility
- Ruggedized Architecture
- CapacityDoubler™ available for double sided media
- Intelligent Pack Technology
- CD, DVD-ROM, DVD-R and DVD-RAM Technologies
- Built in Diagnostics
- Intuitive user interface, with password protected security scheme
- Auto sensing power supply
- Multiple LVD busses
- Optional: NAS, Fibre channel bridge, Rackmount kit
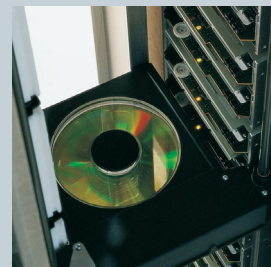
Software Support

DISC libraries are compatible with major network enviroments such as*:

- Macintosh
- Compaq Tru64
- HP-UX
- IBM-AIX
- IBM OS/2
- Linux
- Win NT/2000/2003
- Novell NetWare
- SGI Irix
- Sun Solaris

* Device drivers and application software required.

Warranty

All NSM Series models come with a comprehensive worldwide limited warranty with additional support options available.

Six Models, *One Technology*

The NSM Series offers NearLine storage and access up to 6.48TB of data.

Model	NSM3000 (U)*	NSM4000 (U)*	NSM7000(U)*
	The NSM3000 provides a mid-range capacity, high performance storage solution in a smaller form factor. Up to 2.6 terabytes of data can be stored and quickly accessed. Up to 6 drives can be installed, and DISC Intelligent Pack Technology allows unlimited off-line storage.	The NSM4000 offers the same features and performance as the NSM7000 but with fewer slots and drives. Up to 7 drives and 415 media make the NSM4000 an ideal solution for high capacity data storage.	The NSM7000 delivers fast access to over 6TB of data. Up to 14 drives can be installed to provide high performance multi-user access to data. The NSM7000 offers DISC's highest capacity in a small footprint.
	* The NSM-U Series models allow users to increase storage capacity using the existing chassis. Modular design architecture allows for scaleable drive and media slot counts, giving users a maximum of 6.48 TBs of capacity.		
Number of media slots**	145 to 285	260 to 415	510 to 705
Number of drives	1 to 6	1 to 7	1 to 14
Capacity max	2.54 TB	3.76 TB	6.48 TB
Media exchange time	3 sec. average	4 sec. average	6 sec. average
Intelligent Pack Technology	3 removable packs	4 removable packs	4 removable packs
CapacityDoubler™	Optional	Optional	Optional
System			
Data interface	Single/dual LVD-SCSI Fibre Channel optional	Single/dual LVD-SCSI Fibre Channel optional	Single/dual LVD-SCSI Fibre Channel optional
Robotics control interface	RS 232/ LVD switchable	RS 232/ LVD switchable	RS 232/ LVD switchable
Weight	54 kg (120 lb)	62 kg (137 lb)	108 kg (240 lb)
Width	365/487 mm (14.4/19.2 in.)	365/621 mm 14.4/24.4 in.)	365/833 mm 14.4/32.8 in.)
Height	778 mm (30.6 in.)	980 mm (38.6 in.)	1500 mm (59 in.)
Depth	655 mm (25.8 in.)	655 mm (25.8 in.)	655 mm (25.8 in.)

**Depending on # of drives installed

Drives	
Multi-Function Recorder Drive Data Transfer Rates	Multi-Drive DVD-R4X: 5.2 MB/s DVD-RAM 3X: 4.1 MB/s CD-R 12X: 1.8 MB/s
Access time	110 ms
Multi-Function Reader Drive Data Transfer Rates	DVD-ROM/R: 9.0 - 22 MB/s CD-ROM/R: 8.2 MB/s
Access time	120ms

Reliability	
Robotic MSBF	2,500,000 cycles
Electronic MTBF	60,000 cycles
Drive MLBF	250,000 cycles
System	
Mailslot	Standard
Operator Panel	Standard, 16 key, 32 character display
Media handling	No-touch tray technology
Pack Capacity	15 pieces of media