



# NSM Series

Modular CD and DVD Storage Libraries

## Solutions for Enterprise Storage

NSM Modular DVD Storage Libraries can adapt to a companies growing and changing storage requirements. The modular design concept gives users the flexibility to configure each library to meet specific application requirements. DISC will ensure forward DVD drive compatibility.

### Applications

- ⇒ Industry
- ⇒ Medical
- ⇒ Law enforcement
- ⇒ Banking
- ⇒ Insurance
- ⇒ Government
- ⇒ Security
- ⇒ Audio/Video broadcasting
- ⇒ Education
- ⇒ E-mail archive

### Features

- ⇒ Modular Design for Flexibility
- ⇒ Ruggedized Architecture
- ⇒ CapacityDoubler™ available for double sided media
- ⇒ Intelligent Pack Technology
- ⇒ CD, DVD standards supported
- ⇒ 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



Product

### Software Support

DISC libraries are compatible with major network environments such as\*:

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

\*Device drivers and application software required.

### Warranty

All NSM Series models come with a comprehensive worldwide warranty. Further service options are available.

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# Six Models, One Technology

The NSM Series offers Near Line Storage up to 6TB

## Configuration Table

| MODELS                  | NSM3000(U)*  | NSM4000(U)*  | NSM7000(U)*   |
|-------------------------|--|--|---|
|                         | The NSM3000 provides a midrange capacity, high performance storage solution in a smaller form factor. Up to 2.5 terabytes of data can be stored and quickly accessed. Up to 6 drives can be installed, and DISC SmartPack™ Technology allows unlimited offline 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 6TB of data. Up to 14 drives can be installed to provide high performance multiuser access to data. |
| 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            | 2.5TB  | 3.8TB  | 6TB   |
| Media exchange time     | 3 sec. average   | 4 sec. average   | 6 sec. average  |
| SmartPack™ Technology   | 3 or 4 removable packs   | 4 removable packs  | 4 removable packs   |
| CapacityDoubler™        | Optional   | Optional   | Optional  |

## SYSTEM

|                            |  |
|----------------------------|--|
| Data interface             | Single/dual LVD-SCSI Fibre Channel optional<br>RS232/LVD switchable<br>Standard<br>Standard 16 key 32 character display<br>15 pieces of media<br>NoTouch Tray technology |
| Robotics control interface |  |
| Mailslot                   |  |
| Operator Panel             |  |
| SmartPack™ Capacity        |  |
| Media handling             |  |

\* The NSM-U Series models allow users to increase storage capacity using the existing chassis. Modular design architecture allows for scalable drive and media slot counts, giving users a maximum of 6TB of capacity

\*\* Depending on number of drives installed

## DRIVES

|                     |  |                     |                      |
|---------------------|--|---------------------|----------------------|
| Recorder Drive      | Multi-Drive  | Reader Drive        | DVD-ROM/R 9.0-22MB/s |
| Data Transfer Rates | DVD-R 8X: 11MB/s<br>DVD-RAM 3X: 8.2MB/s<br>CD-R 24X: 3.6MB/s | Data Transfer Rates | CD-ROM/R 8.2MB/s     |
| Access time         | 110 ms   | Access time         | 120 ms               |

## RELIABILITY

|                 |                  |
|-----------------|------------------|
| Robotic MSBF    | 2.500.000 cycles |
| Electronic MTBF | 60.000 hours     |
| Drive MLBF      | 250.000 cycles   |



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