DISC-C Series
Optical Cartridge Libraries

Automated Enterprise Storage Solutions

Model Dependent

- ⇨ up to 67TB
- ⇨ 42 to 2,256 media slots
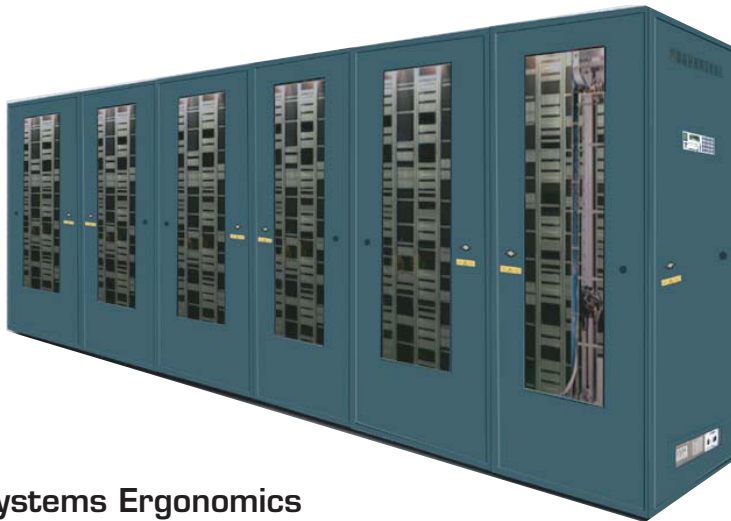- ⇨ up to 32 drives can be used simultaneously

The modular DISC-C Series facilitates long term, revision secure and tamper proof archives.

DISC-C Series libraries are designed to accommodate currently known future cartridge developments for volumetric storage technologies like Holography and others.

A wide range of solutions support industry and market segment specific data storage and archiving requirements as well as all currently known compliance requirements and regulations.

In-situ expandable and upgradeable model architecture provides an optimum investment protection and supports a 'pay as you grow' strategy.

Irrespective of the market or the industry sector long-term archiving and storage of data as well as compliance requirements define WORM technology by default as the preferred standard to be used.

Markets

- ⇨ Industry
- ⇨ Medical
- ⇨ Law enforcement
- ⇨ Banking
- ⇨ Insurance
- ⇨ Government
- ⇨ Security
- ⇨ Audio/Video broadcasting
- ⇨ Education
- ⇨ Libraries, Museums

Systems Ergonomics

- ⇨ A mailbox allows loading and unloading of the cartridges
- ⇨ Menu-driven operations
- ⇨ Current systems status indication
- ⇨ Picker based media detection and barcode reader allows mix-mode operations
- ⇨ Media rewritable or WORM format
- ⇨ Internal media management through barcode logic
- ⇨ Double-picker robotics ensures rapid media change
- ⇨ High reliability

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Features

⇨ Modular and flexible design
⇨ Ruggedized
⇨ Cartridge technology
⇨ Built in diagnostics
⇨ Intuitive user interface, with password protected security scheme
⇨ Standard redundant power supplies
⇨ Multiple LVD busses
⇨ Optional: NAS, Fibre channel bridges, iSCSI bridges

All DISC-C models can be integrated with SAN, NAS or direct attached configurations, guaranteeing seamless connectivity across multiple network environments.

Library Specifications
DISC-C UDO-54-6
42 - 54 slots, 1-6 drives
Dimensions w / d / h in mm 300 / 680 / 1.395
Weight 90 KG

DISC-C UDO-2256-32
192 - 2256 slots, 2 - 32 drives
Up to 6 linked segments
Dimensions w / d / h in mm 800 / 800 / 1.950 per segment
Weight 250 KG (1 segment) - 820 KG (6 combined segments)

Operating temperature/humidity +10°C to +35°C / 10% to 80% (non-condensing)
Mains Voltage 230 V / 50 Hz / 10 A (115 V / 60 Hz possible)
Power Consumption 400/700 W
Interface LVD-SCSI (Low Voltage Differential) / RS232
Dual Picker Fastest media access, true exchange
Barcode Reader integrated in Picker
Medium Access Time in sec 4
Maximum Access Time in sec 7
Safety Regulations VDE, CE
MSBF (Mean robotic Swaps Between Failure) 3,000,000
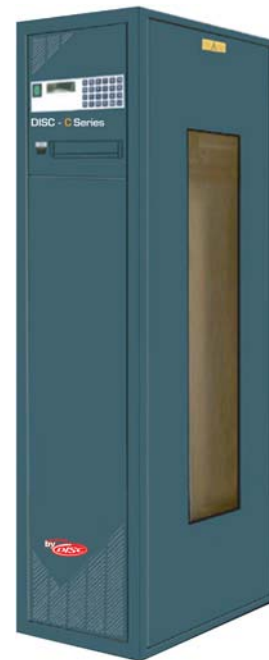MLBF (Mean drive Loads Between Failure) 750,000
MTBF (Mean power-on Time Between Failure) 100,000 hr
MTTR (Mean Time To Repair) 30 min

Software Support

DISC libraries are compatible with major network environments such as:

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

Optional Accessories

LVD-SCSI Interfaces
Fibre Channel Interface
iSCSI Interface
NAS - Solution (DISC Network Appliance, FixedContentServer)

Warranty

All DISC-C Series models come with a comprehensive worldwide warranty in addition DISC offers customized support options.

contact your local DISC Partner :