



DISC1000

Optical Libraries with Blu-ray Technology

DISC introduces the DISC1000

The mini Mega Archive



Product

The Product

The DISC1000 is the latest member of the DISC Blue Laser product family. The smallest model in the DISC product program is an upgradeable optical "mini-library" based on Blue Laser drive and bare media technology.

The mini Mega Archive achieves with a small footprint the high capacity of 5TB.

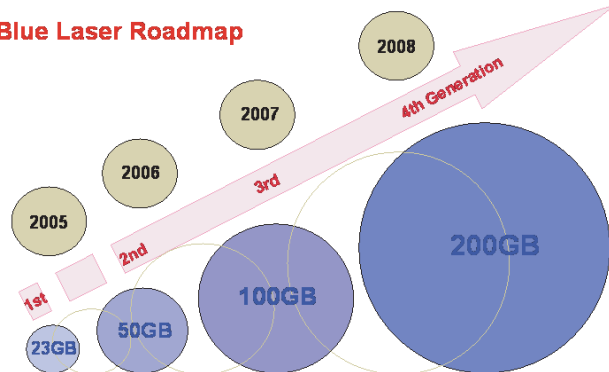
The DISC1000 is the perfect, attractively priced entry level library for reliable long term archiving.



The Applications

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

Blue Laser Roadmap



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Four Models, Blue Laser Technology

Configuration Table

	MODEL	# OF SLOTS	# OF DRIVES	CAPACITY TB (50 GB MEDIA)
DISC1000	BD-45-1	45	1	2.2
DISC1000	BD-45-2	45	2	2.2
DISC1000	BD-105-1	105	1	5.2
DISC1000	BD-105-2	105	2	5.2

SYSTEM	
Mailslot	Single media load, standard
SmartPack™	15 media load standard
Operation panel	16 key/32 character display
Media handling	NoTouch tray technology
Connectivity options	Direct attach (LVD) Network attach (NAS) Storage area network (SAN) SCSI over IP (iSCSI)

DRIVES	
Blu-ray for Data (BD) *	Drive for BD-ROM/BD-R/BD-RE, CD/DVD Rd/Wr compatible

MEDIA	
120mm, single side, hardcoated surface	25, 50, 100, 200GB

* The DISC1000 models for BD are currently available with DVD technology only and can be upgraded to Blu-ray when available.

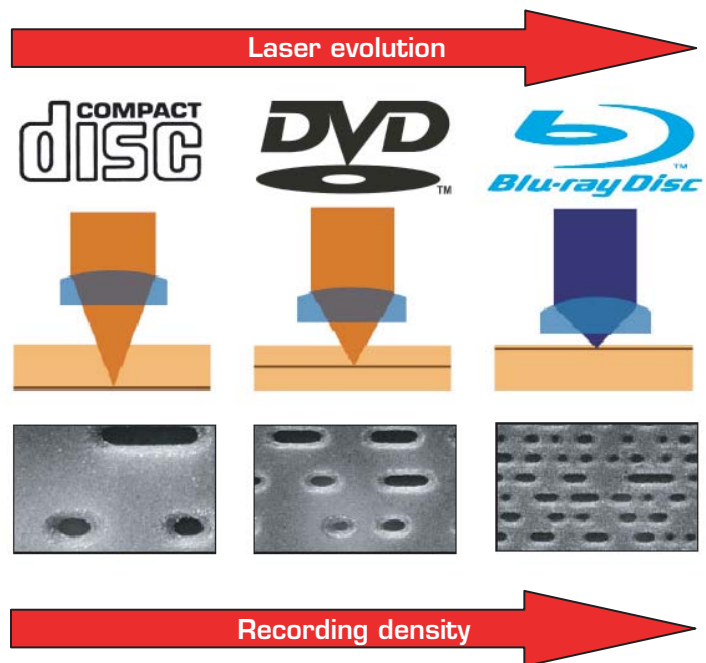
Technology

Blu-ray is set to be the future high capacity archive technology with 25 or 50GB per medium and a clear roadmap to 100GB and 200GB media capacities. Media are single sided with single or multiple recording layers of 25GB capacity each.

WORM (BD-R) and Rewriteable (BD-Re) media are sector type with defect management and highly efficient error correction. Blu-ray is 120mm bare media type with hardcoated surface.

Blu-ray drives are read/write compatible with CD/DVD media. Technology standardization is supported by all major drive and media manufacturers as well as the UDF file system.

Blu-ray read/write transfer rates are 9MB/s for the first generation with a roadmap to 18MB/s and 36MB/s.



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