



DISC1000 (U) PDD / BD

Optical libraries with Blue Laser Technology

DISC 1000 (U)



DISC introduces the DISC 1000 (U) – The Dwarf in size and price, The Giant in TeraByte!

The Product

DISC 1000 (U) PDD / BD is the newest member of the DISC Blue Laser product family. The smallest model in the DISC product program is an upgradeable optical “mini-library” based on the PDD (Professional Disc for Data) and BD (Blu-ray for Data) technology.

Perfect for the archiving needs of small and medium sized enterprises, the DISC 1000 (U) combines a small form factor with high capacity up to 5 TB and attractive pricing for reliable long term data archiving.

The Technology

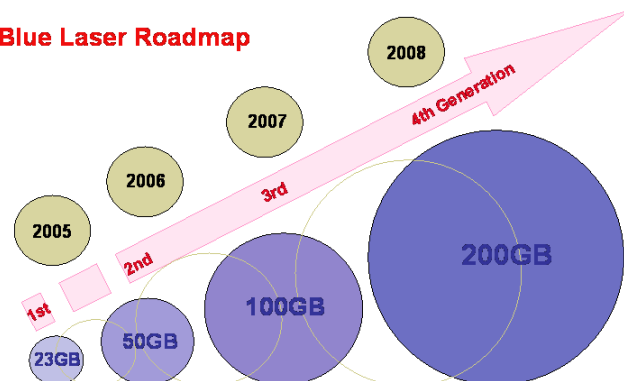
The current PDD Blue Laser technology with 23 GB per medium is the first generation of a technology evolution. The second Blue Laser generation Blu-ray for Data offers 50 GB per medium (QI 2006), the roadmap includes 100 GB and 200 GB media capacities.

Blu-ray for Data is set to be the future archive technology and is compatible with the CD/DVD standard formats.

The Applications

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

Blue Laser Roadmap





Four Models, Blue Laser Technology

Optical libraries with Professional Disc for Data and Blu-ray for Data

MODELS	DISC1000(U)PDD	DISC1000PDD	DISC1000(U)BD	DISC1000BD
# of slots	45	90	45	105
# of drives	1 or 2	1 or 2	1 or 2	1 or 2
Capacity max. TB	1.0	2.0	2.2	5.2
Media exchange time	3 sec. average	3 sec. average	3 sec. average	3 sec. average
Intelligent Pack Technology	3 removable packs 330 GB capacity each	4 removable packs 330 GB capacity each	3 removable packs 750 GB capacity each	4 removable packs 750 GB capacity each

SYSTEM				
Data Interface	Single LVD-SCSI	Single LVD-SCSI	Single LVD-SCSI,	Single LVD-SCSI,
Robotics control interface	RS 232/LVD switchable	RS 232/LVD switchable	RS 232/LVD switchable	RS 232/LVD switchable
Weight	35 kg (78 lbs)	35 kg (78 lbs)	35 kg (78 lbs)	35 kg (78 lbs)
Width	295 mm (11.6 in.)	295 mm (11.6 in.)	295 mm (11.6 in.)	295 mm (11.6 in.)
Height	400 mm (15.7 in.)	400 mm (15.7 in.)	400 mm (15.7 in.)	400 mm (15.7 in.)
Depth	655 mm (25.8 in.)	655 mm (25.8 in.)	655 mm (25.8 in.)	655 mm (25.8 in.)

DRIVES		RELIABILITY	
SONY PDD	Drive for WORM/Rewr. PDD media	Robotic MSBF	2.500.000 cycles
		Electronic MTBF	60.000 hours
Blu-ray for Data BD	Drive for BD-R/BD-RE media, CD/DVD compatible	Drive MLBF	300.000 Cycles

SYSTEM	
Mailslot	Single media load, standard
Pack	15 media load, standard
Operation panel	16 key/32 character display
Media handling	No touch tray technology
Connectivity options	Direct attach (LVD), Network attach (NAS), Storage area network (SAN), SCSI over IP (iSCSI)

