

OPTICAL DISKS

High Capacity Optical Storage Media

CD-Recordable

Plasmon's 74 minute CD-Recordable discs record up to 680MB of data in any standard CD recorder, offering reliable storage in CD-Audio, CD-ROM, CD-ROM XA, CD-1, Photo-CD and other CD formats.

Magneto-Optical

ISO standard rewritable 5 1/4" MO disks with capacities from 1.2GB to 2.6GB. They are compatible with all current ISO MO drives and libraries.

Direct Overwrite MO

2.6GB and 2.3GB Direct Overwrite MO disks in combination with Direct Overwrite drives use LIMDOW technology to write data fast.

Phase-Change

Worm and rewritable 5 1/4" media are compatible with Plasmon's RF series and Panasonic's LF series phase-change drives.

PD

120mm Phase-change PD disks provide 650 MB of on-line rewritable storage and can be used with all dual function PD/CD drives.

HIGH RELIABILITY

Plasmon manufactures optical media in its state-of-the-art production facilities to ISO 9000 standards. Our rigorous quality procedures ensure your data's integrity.

JUKEBOX CERTIFIED

All Plasmon 5-1/4" optical disks are "Jukebox certified" and designed for heavy duty jukebox handling.

SPECIFICATIONS:

CD-Recordable Discs

Product Code	PCD-R74-4	PCD-R74-M	PCD-R74B	PCD-R74B-4
Diameter	120mm	120mm	120mm	120mm
Type	Brand	Brand	Blank	Blank
Capacity		74 minute/680MB		
Recording Layer	Phthalocyanine	Cyanine	Cyanine	Phthalocyanine
Data Life	>100 yrs	>70 yrs	>70 yrs	>100 yrs
Drive Compatibility:	2x/4x	1x/2x/4x/6x	1x/2x/4x/6x	2x/4x

Magneto Optical Discs

Product Code	P1200E	P1300E	P1300W	P2300E	P2600E	P2600W
Form Factor	5.25"	5.25"	5.25"	5.25"	5.25"	5.25"
Type	Rewritable	Rewritable	CCW	Rewritable	Rewritable	DCW
Capacity	1.2GB	1.3GB	1.3GB	2.3GB	2.6GB	2.6GB
Data Life	>30 yrs	>30 yrs	>30 yrs	>30 yrs	>30 yrs	>30 yrs
Bytes per sector	512	1024	1024	512	1024	1024
Operating temp.		+10 to 50°C				
Drive Compatibility:		ISO compliant MO drives				

Direct Overwrite MO Discs

Product Code	P2300DW	P2600DW
Form Factor	5.25"	5.25"
Type	Rewritable	Rewritable
Capacity	2.3GB	2.6GB
Data Life	>30 yrs	>30 yrs
Bytes per sector	512	1024
Operating temp.		+10 to 50°C
Drive Compatibility:		2.6GB Direct Overwrite MO drives (Plasmon DW260)

Phase Change

Product Code	P940C	P1002E	P1400C	P1500E
Form Factor	5.25"	5.25"	5.25"	Type
Type	WORM	Rewritable	WORM	Rewritable
Capacity	940MB	1GB	1.4GB	1.5GB
Data Life	>35 yrs	>10 yrs	>35 yrs	>10 yrs
Bytes per sector	1024	1024	1024	1024
Operating temp.	+5 to +50°C	+5 to +50°C	-20 to +50°C	+5 to +45°C
Drive Compatibility:	Panasonic LF6010 LF7010 LF7300	LF7010 LF7300	LF7300	LF7300
	Plasmon RF5010 RF7010 RF7030 RF7031	RF7010 RF7030 RF7031	RF7030 RF7031	RF7030 RF7031

PD Rewritable Phase Change

Product Code:	PD650
Form Factor	120mm
Capacity	650MB
Data Life	>50 yrs
Operating temp.	+5 to +55°C
Drive Compatibility:	All PD compatible drives

All Plasmon optical media is backed by a one year warranty.

<http://www.plasmon.com>

PLASMON OPTICAL MEDIA PRODUCTS

CD-Recordable Discs

- 74 Minute (680MB) capacity
- Meets or exceeds international "Orange Book" Specifications
- Guaranteed compatible with 2x to 4x speed CD-Recorders
- High performance organic dye recording layer ensures reliable data storage and retention

Magneto Optical Discs

- 1.2GB - 2.6GB capacities
- Exceeds International Standards
- 100% certified and formatted to the low-level ISO format
- WORM and rewritable disks
- Compatible with all ISO standard MO-drives

Direct Overwrite MO disks

- 2.3GB & 2.6GB capacities
- Uses Limdow technology to directly overwrite data fast

Phase Change WORM

- Archival life is greater than 35 years
- Exceeds all legal requirements for storing data

Phase Change Rewritable

- Fast writing in a single pass

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