










PLASMON D-SERIES
120MM DVD & CD
AUTOMATION
TECHNOLOGY



**Storing More Of Your
Digital World™. Economically.**



VALUE AND PERFORMANCE—WITH CAPACITY TO MATCH

-  ***Economical nearline data storage for backup and archive applications***
-  ***Seamless integration with storage management software and DVD/CD-based data management applications***
-  ***All models include magazines, drives and import/export slot***
-  ***Libraries are self-configuring and feature automatic alignment of robotics***
-  ***Large range of models hold 120, 240 or 480 discs and utilize up to 6 drives***
-  ***Dual-picker technology results in average disc exchanges between 3 and 4 seconds***
-  ***DVD technology provides storage capacities from 564GB to 4.1TB on single or double-sided, DVD-RAM and DVD Recordable (DVD-R) media***
-  ***Magazines and drives are accessible via the front door of the Library***
-  ***Single or dual SCSI Bus interface with differential SCSI options***

STORING MORE OF YOUR DIGITAL WORLD.™

ESSENTIAL PERFORMANCE

The long-term storage (archiving) of digital information is critical to doing business today. As important, the amount of data is increasing at a rate greater than was anticipated even a few years ago. IT and MIS departments, where resources are already limited, can easily become overstressed. Companies are searching for a solution that combines virtually unlimited storage capacity, absolute security, high data availability and ease of use. Plasmon's automation products are designed to deliver all those benefits in a durable, long lasting and affordable package.

THE ADVANTAGE IS YOURS

Plasmon data storage libraries are reliable and scalable, protecting your investment today and in the future. Whether you choose a DVD or CD Library to satisfy your storage needs, Plasmon delivers the best combination of reliability, durability, product support and value in the industry. Many combinations of recording drives, technology options, capacity points, and the use of either single or double sided discs offer users the most value and highest performance for their money. E-business, video distribution, real estate, financial and digital pre-press, medical images and records, and document storage are just a few of the most common – and easily handled – applications for Plasmon libraries. Economical, reliable, and dynamic data storage from one manufacturer – Plasmon.

BEST OF BREED

For more than a decade, Plasmon has emphasized the value of data and has built world-class automation around leading technologies to protect this most important company asset. Plasmon automated data storage Libraries are designed with patented double-picker robotics, minimal "footprint", dual SCSI buses, and easy media loading for high performance in multi-user environments. Plasmon's patented double-picker technology allows two discs to be held simultaneously, providing fast disc exchanges and outstanding performance in multi-user environments. And, the low cost of media makes this technology perfect for small- to mid-sized companies that need an affordable way to archive, duplicate, rewrite, distribute and share data inside or outside the organization. Scalability and flexibility create the most dynamic and economical Libraries available today. Plasmon's 120mm technology is a smart choice for companies requiring low-cost and reliable data storage.



advertising and design



CAD renderings



e-business

ECONOMICALLY.



DVD LIBRARIES: EASE OF USE ADDS VALUE

Plasmon's D-Series Libraries are a flexible solution allowing for the mixing of drives and media to suit most applications and user requirements. Both CD and DVD libraries are available with two, four, or six drives. Users may select single or double-sided media and add the patented Rotation Station™ mechanism to allow the use of the double-sided media. Plasmon automated Libraries seamlessly integrate with storage management software and user applications. Plasmon's DVD-RAM Library provides high performance, long life rewritable technology for general-purpose data storage. Plasmon's DVD-R Library allows users the security of knowing their data is written only once and can be stored for decades without risking data integrity. Storing capacities range from up to 752GB to 4.1TB.

Plasmon 120mm DVD and CD Libraries

120mm data storage technology is ideal for multi-user environments within any size organization. Choose from DVD or CD technology depending on your specific requirements. Contained within the same small footprint design, either solution offers flexible drive configurations (two, four or six), fast access to data and low cost per GB stored. Choose from 120, 240 or 480 disc slots.



financial services



prepress and graphic services



video distribution



printing and publishing

CD-R LIBRARIES: HIGH CAPACITY— LOW COST

Storing from 78GB to 312GB, Plasmon's CD and CD-R Libraries serve multiple users, providing network access to data within seconds. Plasmon CD-R Libraries are the affordable choice in automated data storage. Low cost, readily available CD-Recordable discs fit perfectly in Plasmon's convenient magazine. As user needs increase, Plasmon CD libraries are upgradable to DVD-RAM technology for rewritable storage capability and over fourteen times greater capacity...within the original Plasmon product.

Get high performance in multi-user environments. Plasmon's 10-disc cartridges, combined with outstanding robotics, provide rapid disc exchanges. The patented RotationStation™ allows twice the storage capacity of double-sided DVD media—up to 9.4GB on a single disc!



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real estate



education



internet services

Technical Specifications—Plasmon 120mm DVD and CD Libraries

	D120	D240	D480
Number of Drives	4	6	6
Number of Disks	120	240	480
Cartridge Access Time (sec.)	3	3	4
Reliability (MSBF)	>2,500,000	>2,500,000	>2,500,000
Cartridge Access Port	Single	Single	Single
Magazine (Max.)	12	24	48
Warranty	1 Year	1 Year	1 Year

Dimensions and Weight

DVD-R, DVD-RAM and CD/CD-R			
Height (in)/(cm)	32.5in / 82.5cm	34in / 86.4cm	54in / 137cm
Width (in)/(cm)	10in / 25.4cm	20in / 50.8cm	20in / 50.8cm
Depth (in)/(cm)	25in / 63.5cm	24in / 61cm	26in / 66cm
Net Weight (lbs)/(kg)	110lbs / 50kg	150lbs / 68kg	180lbs / 82kg
Shipping Weight (lbs)/(kg)	140lbs / 64kg	221lbs / 100kg	333lbs / 151kg

Environmental Characteristics

Temperature (F)/(C)	50 to 86(F);10 to 30(C)		
Humidity	10 to 90% RH non-operating humidity; 5 to 95% RH non-condensing		
Power Consumption (typical)	55W	75-100W	75-100W
Operating Voltage	100 to 240	100 to 240	100 to 240
Operating Frequency	50/60Hz	50/60Hz	50/60Hz

Drive Characteristics

	4.7GB DVD-RAM Drive DVD2050D	DVD-R DVR9501D	CD-R 12/10/32 CD/CD-R32XD
Disk Compatibility-Read	DVD-RAM 2.6, 4.7, 9.4 DVD-R, DVD-ROM CD-ROM, CD-Audio CD-ROM (XA), CD-R, CD-RW	DVD-ROM DVD-R 1.0 DVD-R 2.0 authoring DVD-R 2.0, Gen. Purpose	CD-ROM, CD-Audio, CD-ROM (XA), CD-R, CD-G, CD-RW
Disk Compatibility-Write	DVD-RAM 2.6, 4.7, 9.4	DVD-R 2.0 Gen. Purpose	
Max. Native Sustained Transfer Rate:			
CD-ROM/R:	2.77MB/sec.	-	R/W14x/32x (CAV read only): 2.1 to 4.8MB/sec.
DVD-RAM 2.6:	1.38MB/sec.	-	12x Write (CD-R): 1.8MB/sec.
DVD-RAM 4.7:	2.77MB/sec.		10x ReWrite (CD-RW): 1.5MB/sec.
DVD-ROM:	3.44 to 8.31MB/sec.	1.38MB/sec – 3.32MB/sec.	
DVD-R:	1.38 to 3.32MB/sec.		
CD-ROM/R:	1.5 to 3.6MB/sec.	-	
Access Times:		350ms	150ms
DVD-RAM:	210ms	-	
DVD-ROM:	190ms	-	
CD-ROM/R:	150ms	-	

ISV Support See www.plasmon.com for the most current list

Connectivity/Library Interface Ultra-SCSI, SCSI-2, LVD/SE

Certifications	
Safety	VDE 0805, UL 1950, CUL950, IEC950, EN 60950
Emission	FCC Class A, CISPR 22 Class A
Immunity	EN 50082-1 (1992)

* Specs subject to change without notice
Plasmon is an ISO 9001 service organization.



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Plasmon, Inc.
U.S. Sales & Marketing Headquarters
9625 West 76th Street
Eden Prairie, MN 55344
Tel: 800-451-6845
Fax: 952-946-4141
sales@plasmon.com
www.plasmon.com

Plasmon Data Ltd.
European Sales & Marketing Headquarters
Whiting Way, Melbourn
Hertfordshire, SG8 6EN
Tel: +44 (0) 1763 262963
Fax: +44 (0) 1763 264444
sales@plasmon.co.uk
www.plasmon.com

Plasmon, Inc.
4425 ArrowsWest Drive
Colorado Springs, CO 80907
Tel: 719-593-7900
Fax: 719-593-4597
sales@plasmon.com
www.plasmon.com