

Imation
SLR[™] TAPE CARTRIDGES

Scalable Linear Recording solution for high-end workstations
and small to mid-range servers



PREPARE FOR YOUR FUTURE
DATA STORAGE NEEDS TODAY



Imation SLR™ Tape Cartridges – Capacity to provide a complete solution

SLR tape cartridges combine unmatched scalability and reliability with Imation's 50 years of media development and manufacturing expertise.

With ongoing access to data becoming increasingly important to business success, the need for data storage is exploding. The question is, are you ready?

You will be if you make Imation SLR tape cartridges part of your data storage plan. This reliable technology is an excellent solution for high-end workstations and mid-range server networks. The full line of Imation SLR tape cartridges provides up to 140GB in capacity, so you can easily handle your growing capacity requirements.

More than media, a complete solution

To give you a complete data protection solution, Imation has teamed up with Tandberg Data. Together, our media and their drives give you a data backup, file transfer and archiving solution that features true automation technology to save you time, and ensure consistent backups. That includes unattended backup, like the Tandberg Data SLR Autoloader. By accommodating one SLR tape drive and an eight-cartridge magazine, it allows you to back up your system for up to two months without operator intervention.

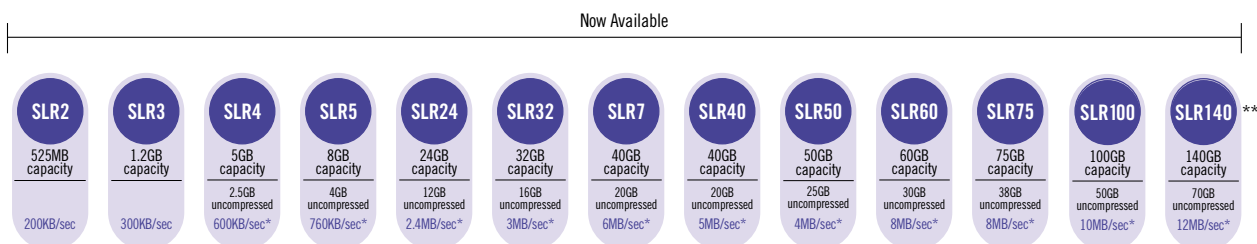
New Imation SLR75 and SLR140 tape cartridges

As Imation's newest addition to the SLR migration path, the SLR75 cartridge has been designed specifically for entry-level servers. It provides up to 75GB compressed (38GB uncompressed) capacity and a 4MB/second transfer rate. The SLR140 cartridge provides 140GB compressed capacity with 6MB/second transfer rate.

And when backups are performed, they're completed faster than ever. By eliminating the time-consuming verify pass, Imation SLR media's read-while-write capability cuts backup time in half. Together with the SLR drive's built-in data compression capabilities, SLR technology has data transfer rates of up to 12MB/second. That jumps to 40MB/second or more when used with an automated tape library system—saving you resources and time.



SLR Migration Path



*Assuming 2:1 data compression

**Availability Scheduled for Q4, 2003

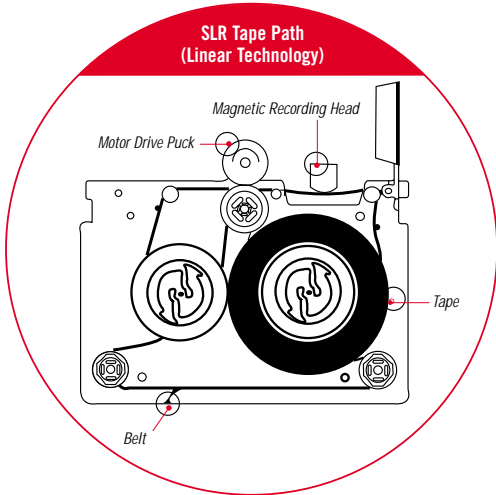
Scalability to meet any storage need

With storage capacities ranging from 525MB to 140GB, Imation SLR technology easily scales with your growing storage requirements. So as you need more capacity, you won't need to go through the expense and hassle of bringing in new technologies or formats.

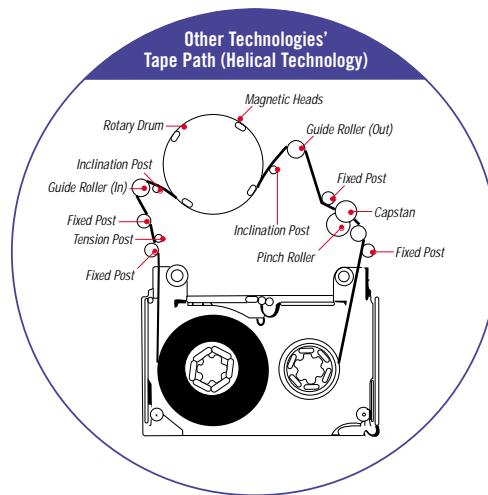
Steadfast reliability

When you get right down to it, the most important factor in data storage is reliability. All your data needs to be safe, secure and accessible, without question. Imation SLR tape cartridges deliver that level of reliability. Based on linear recording technology, SLR media and drives provide superior performance and dependability through:

- fewer moving parts
- reduced tape stress
- linear tape path contained entirely within the cartridge
- metal base plate delivering dimensional stability



Linear recording technology represents a more efficient cartridge and drive design that reduces tape stress, ensures data integrity and increases drive and cartridge reliability.



Drive and Media Compatibility

		Drives												
		SLR140	SLR100	SLR75	SLR60	SLR50	SLR40	SLR7	SLR32	SLR24	SLR5	SLR4	SLR3	SLR2
Media	SLR140*	R/W												
	SLR100	R/W	R/W											
	SLR75	R/W	R/W	R/W	R/W							R		
	SLR60	R/W	R/W	R/W	R/W							R		
	SLR50		R/W	R/W	R/W	R/W								
	SLR40		R/W	R/W	R/W	R/W	R/W							
	SLR7		R	R	R		R	R/W						
	SLR32		R	R	R	R/W	R/W	R	R/W					
	SLR24		R	R	R	R/W	R	R	R/W	R/W				
	SLR5			R	R	R	R	R	R/W	R	R/W			
	SLR4			R	R	R			R/W		R/W	R/W		
	SLR3											R/W	R/W	R/W
	SLR2											R/W	R/W	R/W

Note: R = Read, W = Write

*Availability Scheduled for Q4, 2003



TANDBERG DATA

For a complete description of all SLR tape drives and automation products, visit Imation's drive partner, Tandberg Data, at www.tandberg.com.



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Product Specifications

Product	SLR2	SLR3	SLR4	SLR5	SLR24	SLR32	SLR7	SLR40	SLR50	SLR60	SLR75	SLR100	SLR140**
Physical Characteristics													
Tape width	6.3mm	6.3mm	6.3mm	6.3mm	6.3mm	6.3mm	8mm	8mm	6.3mm	8mm	8mm	8mm	8mm
Tape length	1,020ft	950ft	1,200ft	1,500ft	1,130ft	1,500ft	1,545ft	615ft	1,500ft	915ft	1,150ft	1,500ft	1,660ft
Tape thickness	410µin	445µin	410µin	300µin	410µin	305µin	300µin	305µin	305µin	305µin	305µin	305µin	305µin
Tape Characteristics													
Capacity	525MB	1.2GB	5GB*	8GB*	24GB*	32GB*	40GB*	40GB*	50GB*	60GB*	75GB*	100GB*	140GB*
Transfer rate	200KB/s	300KB/s	300KB/s	380KB/s	1.2MB/s	1.5MB/s	3MB/s	2.5MB/s	2MB/s	4MB/s	4MB/s	5MB/s	6MB/s
Recording density	20kfcpi	45kfcpi	50.8kfcpi	62kfcpi	50.8kfcpi	50.8kfcpi	154kfcpi	76.2kfcpi	50.8kfcpi	76.2kfcpi	76.2kfcpi	76.2kfcpi	96kfcpi
Preformatted system	No	No	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
Tape durability (# of passes)	5,000	5,000	5,000	10,000	15,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000

Operating Environment

Conditions for optimum performance	16 to 24°C (61 to 75°F), 40 to 60% RH
Operating conditions	5 to 45°C (41 to 113°F), 20 to 80% RH
Storage conditions	-5 to 45°C (23 to 113°F), 20 to 80% RH

* Assumes 2:1 data compression

** Availability Scheduled for Q4, 2003

Imation SLR Tape Cartridges

Product	Order Number
Imation SLR140**	0-51122-16891-8
Imation SLR100	0-51122-41069-7
Imation SLR75	0-51122-16838-3
Imation SLR60	0-51122-41115-1
Imation SLR50	0-51122-12096-1
Imation SLR40	0-51122-41112-0
Imation SLR7	0-51122-41461-9
Imation SLR32	0-51122-11892-1
Imation SLR24	0-51122-12725-0
Imation SLR5	0-51122-11864-7
Imation SLR4	0-51111-46168-6
Imation SLR3	0-51111-46165-5
Imation SLR2	0-51111-46156-3

Imation

Imation provides independent storage services and solutions to meet changing information management needs. With Imation, you benefit from nearly 50 years of leadership in data storage media production and service. We have a global presence—operating in 60 countries—and provide storage solutions for a wide array of businesses and industries. From media services and consulting to enterprise backup and desktop media, we can supplement your internal IT resources with our industry-specific knowledge, experience, and proven problem-solving capabilities. Imaginative storage solutions for today and tomorrow—that's Imation.