Based on proven QIC technology...

SLR Automation for iSeries and AS/400e Servers

Reliable, economical, unattended backup for small to mid-size business servers

7329 Model 308 SLR100 Tape Autoloader

To help you deal with an ever-increasing level of data to be backed up, IBM has announced the new 7329 Model 308 Tape Autoloader. Highly reliable Quarter-Inch Cartridge (QIC) tape technology is taken one step further: The SLR100 tape format offers increased capacity and performance, reducing both storage cost and data backup time. Available as a stand-alone unit for attachment to iSeries and AS/400 servers, this new autoloader integrates an SLR100 drive and 8 tape cartridges, providing up to 800GB* of compressed storage. Finally—an affordable automation solution, with high reliability and convenience.

In a typical configuration using 7 data cartridges and a cleaning cartridge, the 7329-308 is ideally suited to provide true 7-day unattended backup capability along with automatic drive cleaning. **Your normal data backup routine can now be fully automated!**

Features of the IBM 7329 Model 308 Tape Autoloader and internal SLR100 Tape Drive:

- Based on proven QIC technology, with tape path contained inside the cartridge
- Removable 8-cartridge magazine
- Full-capacity SLR100 cartridges provide 100GB* of storage capacity
- For such applications as incremental backups and data interchange, a low-cost SLR100 cartridge (with 10GB* capacity) is also available
- 8MB buffer with in-line data compression, provides improved performance
- Both SLR100 cartridge types provide up to 36GB/hour* data transfer rate
- Transfer rate is automatically optimized to/from the host system
- Simple 2-axis cartridge handling mechanism
- Integrated barcode scanner
- Easy to use front panel LCD display and 4-button control panel
- Password-controlled door lock, to limit access to your data
- Also compatible with legacy QIC tape formats, including SLR5 (8GB* compressed capacity), MLR1 (DC-5010, 32GB* compressed capacity), and MLR3 (50GB* capacity)

* Nominal 2:1 data compression ratio is assumed

QIC Tape Autoloader

Autoloader Specifications

Internal Tape Drive: SLR100

Magazine Capacity: 8 tape cartridges

Typical Storage Configuration: 7 data cartridges, 1 cleaning cartridge

Typical Maximum Data Storage Capacity: 700GB compressed/350GB native, when using 7 SLR100-50GB data cartridges in the magazine (with 2:1 data compression)

Maximum Data Rate: 10MB compressed/5MB native (with 2:1 data compression)

Primary Recording Format: SLR100 (with Level-10 error correction code technology)

Other Tape Formats: SLR100 provides solid investment protection—it is fully write- and read-compatible with MLR3 (25/50GB) tape cartridges, and is also read-compatible with data stored on your MLR1 (DC5010, 16/32GB) and SLR5 (4/8GB) cartridges.

Interface: Ultra SCSI-2, single-ended

Accessories: Extra cartridge magazines and cartridge barcode labels

Media Specifications

Type: MP+ metal particle magnetic tape

Tape Width: .3149 in.

Coercivity: 1650 Oerstads

Recorded Bit Density: 152.4 kfci

Track Layout: 192 data tracks + 24 servo tracks (serpentine linear recording)

Tape Length: 1500 ft. (100/50GB capacity cartridge)

Storage Limits: -5°C to +45°C, 20 to 80%RH (non-condensing)

Standard room conditions are recommended for storing your media.
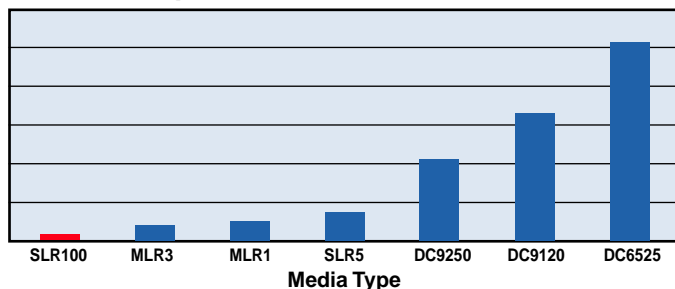
IBM Server Compatibility

The IBM 7329 Model 308 SLR100 Tape Autoloader is supported on iSeries and AS/400 Servers (all models with OS/400 V4R5 or higher). A PCI Magnetic Media Controller (feature 2718 or 2768) is required.
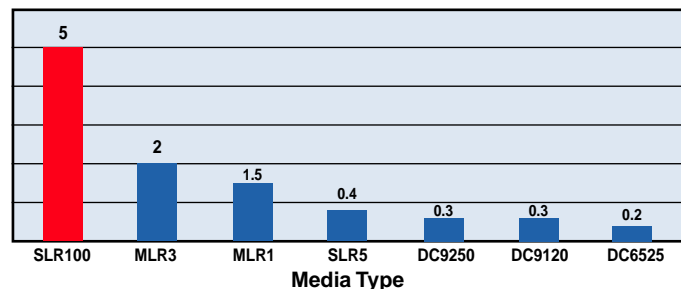
Suggested Backup Routine

Use a standard backup schedule, like the one shown, to protect your valuable data.

Friday 1	Monday	Tuesday	Wednesday	Thursday	Friday 2
SLR100 100GB cartridge P/N 35L0968	SLR100 10GB cartridge P/N 35L0661	SLR100 10GB cartridge P/N 35L0661	SLR100 10GB cartridge P/N 35L0661	SLR100 10GB cartridge P/N 35L0661	SLR100 100GB cartridge P/N 35L0968
Full Backup	**Incremental Backup**	**Incremental Backup**	**Incremental Backup**	**Incremental Backup**	**Full Backup**

Media Cost per GB

Transfer Rates in MB/Second

To order, contact your IBM representative or authorized business partner.

To order media, call 1-888-426-6334 and reference IBM P/Ns 35L0968 (100GB cartridge), 35L0661 (10GB cartridge), or 35L0844 (cleaning cartridge).

You can also obtain more information at **http://www.storage.ibm.com/hardsoft/tape/index.html**