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Autoloader/Library Product Guide

AUTOMATE YOUR BACKUPS WITH THE ENSTOR AUTOLOADER SERIES

Store more data, quickly, securely, and reliably.

Enstor autoloaders are your affordable automated data storage solution. Featuring outstanding performance, exceptional manufacturing quality, scalable technology and superior performance and capacity.

Enstor is the perfect tape backup product to compliment disaster recovery solutions, local or cloud based backups and simple archiving.

Flexible and compatible with the next generation LTO.

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THE ADVANTAGE OF ENSTOR

The cost effective Enstor platform has been specifically developed for companies requiring scalable automated data protection systems.

The exceptional quality and usability of the Enstor range makes for the perfect automated tape storage solution.

Autoloader Range

1U08   2U24   4U48

KEY FEATURES AND BENEFITS OF ENSTOR AUTOLOADERS/LIBRARIES:

Simplify your data backups

Reduce administration time, costs and labour hours from the ever increasing pressure of data protection and data administration regulations.

Protection, security and flexibility

Encrypting data helps protect your information from many types of compromise. Choose the latest tape generation for drive encryption to help address this need. Make use of the flexibility of Enstor autoloaders/ libraries to upgrade your data security.

Expand your capacity and performance

Easily upgrade an Enstor autoloader to a newer LTO tape generation. Add extra tape drives and slots as your data quantities increase. Take advantage of your investment in an Enstor 1U08, 2U24, 4U48 by using a library extender to add another autoloader/library as a single larger library.

Backup from anywhere in the world

Backups can be controlled remotely from any internet connected location using a web-based remote management system.

Manage your tapes easily

Utilise the integrated barcode reader to automate the loading and unloading of your tapes. The multiple 12 slot magazines are easily removable making simple management of the tape media.

Choose how you'd like to connect

Connect easily to your high performance IT network. Choose an interface connection of your choice including SCSI, SAS, iSCSI and fibre channel connectivity.

Easy maintenance, simple service and reliability

Proven reliability from the worlds largest autoloader/ library manufacturer. In case of interruption, power supply, library controller, drive and robotics are easily exchanged onsite.

TECHNICAL SPECIFICATIONS

Enstor model name	1U08	2U24	4U48
Capacity (2.5:1 Compression)	Up to 20 TB (50 TB)	Up to 60 TB (150 TB)	Up to 120 TB (300 TB)
Maximum performance speed (2.5:1 Compression)	0.56 TB/h (1.4 TB/h)	1.12 TB/h (2.8 TB/h)	2.24 TB/h (5.6 TB/h)
Connection interfaces	SCSI Fibre channel SAS	SCSI, iSCSI Fibre channel SAS	SCSI, iSCSI Fibre channel SAS
Number of drives: - Half-height - Full-height	1 N/A	2 1	4 2
Number of slots	8	24	48
Form factor	1U	2U	4U
Rackmount Kit	Available	Included	Included
Dimensions (cm): width x length x height	48.2 x 80.6 x 4.38	48.2 x 80.6 x 8.76	48.2 x 80.6 x 17.52
Weight (kg) (unmounted)	11.5	15.6	24.5

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Essential Questions & Answers

Why do I need an autoloader?

Autoloaders are essential for any business using tape backup technology who hold data quantities that exceed a single tape drive. Not only can you store more data more quickly, you'll reduce administration time, preserve storage space and ensure reliable tape backups are carried out. By automating your backups, your data will be more secure and the chances of losing it due to human error (the main cause of data loss) will be minimal. The use of an autoloader is considered to be a huge investment in comparison to the minor monetary price.

How does it work?

Your host computer will send automatic instructions to insert, remove and reposition tapes into a sequential order inside the autoloader. This process can continue overnight, or over weeks and years without any human input.

How much data can Enstor autoloaders manage?

Enstor offers data storage products for small, medium and large businesses. Enstor autoloaders/libraries can provide storage space from the smallest amount of data right up to 240TB native capacity.

How do I know which size is right for my storage needs?

Give our friendly Connexion Point customer services team a call and we'll talk you through your data storage needs and recommend what would fit best with your business.

What if my data quantities increase after my purchase?

There's no doubt that your data quantities are increasing more and more and therefore it is recommended to take into account how much your data quantities are predicted to rise when making your purchase decision. However, you can easily upgrade your system by adding extra tapes slots or drives to increase your data storage space and/or speed. You can even add a library extender to make multiple libraries look like just one library. Connexion Point is also happy to buy-back your Enstor equipment and offer a technology upgrade.

What type of tape technology does it support?

Enstor autoloaders/libraries support LTO tape technology from LTO-3, LTO-4, LTO-5 as well as the new LTO 6.

How much will it cost?

Many factors will determine the overall cost of your autoloader including quantity of data, interfaces, software and extended warranty. The team at Connexion Point can talk you through your needs and determine the best solution for your business.

How do I install my autoloader and learn to operate it?

All Enstor autoloaders and libraries come with a user-friendly manual which is easy to follow and understand. It includes all the information you will need from setting it up, operating and trouble shooting. Your autoloader will be shipped to you in a rack ready condition and in some cases your IT integrator can visit you on-site (location dependant) and help get you started.

What support will I get?

You can give the friendly team at Connexion Point a call during normal business hours when you get stuck or have any questions. A standard 18 month warranty comes on all Enstor autoloaders, and you'll also have the option of purchasing an extended warranty.

How much physical space will it take up?

It depends on how much data you have and whether you choose the full height or half height tape drive option. Dimensions can be found in the technical specification table.

Warranty Information

- Proven reliability from the worlds largest autoloader/library manufacturer.

- All Enstor autoloaders come with an 18 month return to Connexion Point warranty and/or parts exchange to your site.

- Plus, an extended warranty is also available with an Extended Service Plan (ESP).

WHERE CAN I BUY ENSTOR?

Available from Connexion Point, the tape backup specialists.

New Zealand

Email	info@enstor.co.nz
Freephone	0800 4 ENSTOR
Phone	09 478 9809

Australia

Email	info@enstor.com.au
Freephone	1800 ENSTOR
Phone	02 9477 4011

Enstor is your secure, simple and scalable data storage solution
www.enstor.com

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