

# 7100

## 7100

### AUTOMATED LIBRARY

#### FEATURES AND BENEFITS

- Field-proven MSBF of 2,000,000 cartridge exchanges and still counting
- Welded unibody construction prevents misalignment
- Up to seven drives for 554 GB per hour backup performance<sup>2</sup>
- Up to 100 cartridges for 22 TB of storage capacity<sup>2</sup>
- Compact form-factor requires less than six square feet of floor space
- Supported by most popular data protection software packages
- Easy operation of the control panel, featuring a five-language LCD
- Four-slot load port allows loading and unloading of up to four DLTtape cartridges
- Key locks secure your DLTtape cartridges and critical data
- Doors for bulk loading and easy drive access
- Remote library administration with WebAdmin

For storage-intensive applications in business-critical environments, the 7100 Series is engineered to meet the number one buying criterion for multi-terabyte storage systems – providing continuous data access for hundreds of networked users. The 7100 has achieved a mean-swap-between-failure rating of 2,000,000 – twice the reliability of competitive products.

#### 554 GIGABYTES PER HOUR PERFORMANCE AND 22 TERABYTE CAPACITY

With up to seven Super DLTtape™ tape drives<sup>1</sup> and 68 or 100 cartridges, the 7100 can backup and restore up to 554 GB per hour<sup>2</sup> and store up to 22 TB of data.<sup>2</sup>

#### ABSOLUTE RELIABILITY WITH INTELLIGRIP INSIDE

The key to the 7100's reliability is IntelliGrip™, Quantum|ATL's precision cartridge handling system. The finely tuned gripper system selects DLTtape cartridges from top and bottom, reducing cartridge pressure and increasing cartridge life. IntelliGrip utilizes precision timing and a highly exact amount of force to insert and remove DLTtape cartridges in a manner that reduces drive stress and minimizes surface contact to increase overall library reliability. The 7100's welded unibody frame prevents robotics misalignment from shock and vibration, and self-calibration can be easily initiated without the need for manual alignment.

#### THE DLTtape STANDARD

Quantum|ATL libraries are the most widely supported automated DLTtape libraries available. They are fully compatible with major hardware platforms, including IBM®, HP®, Compaq® and SUN® and are supported by most popular data management software applications for Windows NT/2000®, UNIX®, Linux® and other operating systems.

#### LIBRARY ENHANCEMENTS

WebAdmin™ from Quantum|ATL is the first software package allowing remote library administration using a Java™-enabled browser. WebAdmin provides system administrators the freedom to access their automated libraries from anywhere on the World Wide Web. From a friendly, graphical user interface, authorized users can perform a full suite of administration functions, including library configuration, monitoring, event logging and event notification.



Extraordinary

Reliability and

Performance

1. Consult your Quantum|ATL representative for availability.

2. With SDLT 220 tape drives and 2:1 data compression that may vary based on data type and other variables.

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### WORLDWIDE SERVICE AND SUPPORT

The 7100 library includes flexible warranty and service options designed to fit your needs and is supported by world-class trained and certified Quantum|ATL field technicians. Special services include installation, customized consulting and SiteCare™ proactive service and training.

### ABOUT Quantum|ATL

Quantum|ATL is a worldwide market leader in the design, manufacture and service of automated libraries used to manage, store and transfer data in enterprise networked computing environments. Quantum|ATL's objectives are to fulfill our customer's needs for storage growth and support, while providing the security that comes from reliable products. Our DLTape and LTO Ultrium™ library systems are sold worldwide through direct sales, original equipment manufacturers (OEM) and an extensive network of authorized resellers and distributors. Headquartered in Irvine, California, Quantum|ATL operates one of the most advanced and largest manufacturing facilities for automation technology and complies with ISO 9001 quality system standards. Sales and service are provided throughout major cities in North America, Latin America, Europe and Asia. For additional information, please visit our website at [www.QuantumATL.com](http://www.QuantumATL.com).



### SPECIFICATIONS

<b>Capacity<sup>3</sup> (TB)</b>	<b>DLT7000</b>	<b>DLT8000</b>	<b>SDLT 220</b>	<b>Power Input</b>	
68 slots	4.76	5.44	15.0	Voltage/Frequency	90-132 VAC or 180-264 VAC at 47-63 Hz
100 slots	7.00	8.00	22.0	Power Cord	Standard U.S. IEC 320 male connector (power cord with NEMA 5-15P connector included)
<b>Performance<sup>3</sup> (GB/hour)</b>				<b>Environmental Operating</b>	
1 drive	36.0	43.2	79.2	Humidity	20% to 80%, noncondensing
4 drives	144	173	317	Temperature	59°F to 90°F (15°C to 32°C)
7 drives	252	302	554	Altitude	Sea level to 10,000 ft. (0 to 3,048 meters)
<b>Interface</b>	Fast/Wide SCSI-3 differential	Fast/Wide SCSI-3 differential	Ultra SCSI HVD	<b>Non-operating (storage &amp; shipping)</b>	
<b>Robotics Reliability</b>				Humidity	5% to 95%, noncondensing
MTBF	134,000 power-on hours			Temperature	-40°F to 149°F (-40°C to 65°C)
MSBF	2 million load/unload cycles (swaps)			Altitude	Sea level to 42,000 ft. (0 to 12,802 meters)
MTTR	Less than 30 minutes			<b>Cabinet Characteristics</b>	
<b>SCSI Connector</b>	68-pin Micro D female connectors			Height	56in. (142cm)
<b>Software</b>	SCSI-2 medium changer command set			Width	23in. (58cm)
<b>Library Diagnostics</b>	9-pin RS-232C, EIA/TIA-574 female connector (cable included) service port for PC running diagnostic software			Depth	36in. (91cm)
Port	Standby and stop switches with indicator lights, fault light, 16-character, 2-line LCD status display area, up/down scroll menu, item select switch, load port open/close switches			Weight	500 pounds (227 kg) with 7 drives and 100 cartridges
Control Panel Functions and Features				<b>Agency Approvals</b>	
				Safety	UL1950 Listed, CSA, C22.2-No. 950, TUV-EN60950
				Emission	FCC Part 15B Class A, CE Mark, VCCI Class 1



3. With 2:1 data compression that may vary based on data type and other variables.

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# Quantum | ATL

Quantum|ATL maintains offices throughout the USA, Europe and Asia