

StorageTek

*High capacity.
High performance.
Mixed media. For
large multiplatform
environments.*

TimberWolf

A u t o m a t e d T a p e L i b r a r y

9740/DLT

- **Advanced rotational robotics**
- **Sophisticated camera-based vision system**
- **6.5 TB to 17.3 TB of data storage (uncompressed)**
- **326- to 494-cartridge capacity**
- **Up to 350 exchanges/hour**
- **14-cartridge access port**



Many companies and organizations are consolidating workgroup and department servers into centralized computing facilities. StorageTek's TimberWolf™ 9740 automated tape library combines the high-capacity and high-performance characteristics of StorageTek's industry-proven Nearline® family of automated data storage solutions with the scalable, flexible features that have become a hallmark tradition of the TimberWolf storage family. In short, the TimberWolf 9740 is the perfect solution to handle the data storage complexities of larger multiplatform environments.

MIXED-MEDIA CAPABILITIES FOR PERFORMANCE AND CAPACITY

The TimberWolf 9740 is the perfect solution to handle the high data storage capacity requirements of today's complex business applications. Its unique mixed-media design enables integration with low cost, high-capacity DLT® 4000 and DLT 7000 tape drives.

ADVANCED ROTATIONAL ROBOTICS AND A UNIQUE VISION SYSTEM

The TimberWolf 9740 offers the same reliable high-speed rotational robotics found on other TimberWolf solutions. Critical calibration functions and tape cartridge bar code reading are facilitated by a unique camera-based vision system developed and built by StorageTek.

SMALL FOOTPRINT FOR EVER-SHRINKING DATA CENTERS

The TimberWolf 9740 operates in smaller computing environments, with no special power or airflow requirements. And though it provides high storage capacity, the system has a small footprint. This enables installation in areas where space may be at a premium.

TIMBERWOLF 9740 SPECIFICATIONS

FUNCTIONAL DATA

Number of cartridge slots	326 or 494 (with expansion door)	
Number of drives	Up to ten DLT 4000 or DLT 7000 drives, in any combination	
Library Capacity (494 slots)	Uncompressed	Compressed (2:1)
	9.9 TB	19.8 TB
Library Throughput (10 drives)	Uncompressed	Compressed (2:1)
	54 GB/hr	108 GB/hr
DLT 4000	17.3 TB	34.6 TB
DLT 7000	180 GB/hr	360 GB/hr
Media	DLTtape IV or DLTtape III	
Average cartridge access time	Five seconds	
Audit time	Less than two minutes	
Robotics control	SCSI-2 media changer command set. Optional ACSLS.	
Bar code reader	Standard, camera-based vision system	
Calibration	Automatic	
Drive cleaning	Automatic, library or software initiated	
Control panel	User-friendly configuration and diagnostic controls, status display and viewing window	
Serviceability	Hot swappable drives*; RS-232C port for diagnostics	

*(without affecting library operation; channel integrity must still be maintained)

RELIABILITY

MEBF (Mean Exchanges Between Failures)	1,000,000
MTBF (Mean Time Between Failures)	70,000 hours (full operation)
MTTR (Mean Time To Repair)	Less than 30 minutes

PHYSICAL DATA

Dimensions: in. (cm.)	
Width	46.0 (117)
Height	72.0 (183)
Depth (base unit)	30.3 (77); 40.3 (87.7) with expansion door
No drives	29.0 x 72.0 x 15.0 (73.6 x 183 x 38.1)
DLT drives	640 lbs (290 kg); 719 lbs (326 kg) with expansion door
Weight (library only):	

ENVIRONMENTAL DATA

	Operating	Storage	Transit
Temperature	° F +59 to +90	+50 to +104	-40 to +140
	° C +15 to +32	+10 to +40	-40 to +60
Humidity	20% to 80%	10% to 95%	10% to 95%
Wet bulb (Max., non-condensing)	° F +85	+95	+95
	° C +29	+35	+35
Altitude	-250 to 10,000 feet (-76 to 3,050 meters)		

POWER SOURCE

Power input	90 – 264 VAC @ 47 – 63 Hz single phase (auto ranging)
Power consumption (max)	
Library	1.67A @ 120V, 0.83A @ 240V, 683 BTU/hr
DLT 4000 drive	0.8A @ 120V, 0.42A @ 240V, 342 BTU/hr
DLT 7000 drive	0.92A @ 120V, 0.46A @ 240V, 375 BTU/hr

AGENCY CERTIFICATIONS

Safety	CSA standard CAN/CSA-C22.2 no. 950-M93 UL standard 1950, Third Edition; EN60950
Emissions	FCC #47, Part 15, Subpart B, Class A; VCCI Class A European Union CE emissions standards AS/NZS 3548:1995 (Australia, N.Z.); ICES-003 (Canada)
Immunity	European Union CE immunity standards AS/NZS 4252.1:1994 Generic Immunity Standard



Total integrated storage solutions for multiplatform business needs.

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A G I L E .

P O W E R F U L .

A D A P T A B L E .

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