



**QUALSTAR**<sup>®</sup>  
*The Tape Experts*

# TLS-4000 + Sony SDX

Automated Tape Libraries  
Featuring Sony AIT  
Technology

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Lights-Out Operations  
Unattended Backup  
Archive Storage  
Video and Image Servers  
Distributed Database Backup

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Low Cost  
Small Footprint  
High Reliability  
Fast Data Transfer

## TLS-4000 Series Tape Library Systems with Sony AIT Tape Drives



Qualstar's TLS-4000 family of automated tape libraries now supports Sony SDX-300C tape drives. Eight models provide scalable capacities from 250 gigabytes to over 6 terabytes. Advanced design incorporates small unit footprints, very low cost-per-megabyte and extremely reliable robotics for years of trouble-free service.

The new Sony SDX-300C drive is the first Advanced Intelligent Tape (AIT) technology drive on the market. AIT technology means higher capacity and performance combined with dramatic improvements in reliability and media life.

The SDX-300C utilizes Sony's latest media technology. The new Advanced Metal Evaporated (AME) tape uses a pure cobalt recording layer, eliminating oxidation-related media problems. Each AME tape also has a super-durable "diamond-like, carbon coating" over the cobalt layer, which provides protection for the recording layer and substantially extends tape drive head life.

Feature/Model	4210	4210A	4220	4420	4440	4480	4660	46120
Number of Drives	1-2	1-2	1-2	1-4	1-4	1-4	1-6	1-6
Number of Tapes	10	10	20	20	40	80	60	120
Native Capacity (GB): Sony SDX	250	250	500	500	1,000	2,000	1,500	3,000
Number of Fixed Slots	2	2	2	2	2	4	3	6
Barcode Reader	Opt.	Opt.	Opt.	Opt.	Std.	Std.	Std.	Std.
Time to Scan Barcodes (sec.)	13	13	20	24	35	70	65	99
I/O Port	Std.	Std.	Std.	Std.	Std.	Std.	Std.	Std.
Field Expansion to Model:		4220			4480		46120	

### Qualstar TLS-4000 Specifications

- Exchange Time: < 8 Seconds
- SCSI-2 Interface
- MEBF: 750,000\*
- MTTR: < 30 Minutes
- Warranty: 2 Years

### Sony SDX-300C Specifications

- Capacity: 25 GB; 50 GB with ALDC Compression
- Sustained Transfer Rate: 3-6 MB/sec.
- Interface: SCSI-2 Fast/Wide (68-pin)
- Built-in Head Cleaner
- MTBF: 200,000 Power-on Hours @ 20% Duty Cycle
- Head Life: 30,000 Tape Motion Hours



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\* Qualstar Corporation does not warrant the MEBF to be representative of any particular unit installed for customer use. Failure rates are derived from a large database of test samples. The individual failure rate will vary from unit to unit.

All information and specifications are based on our knowledge of the products at the time this data sheet was printed. We believe this information to be correct, however, Qualstar reserves the right to change specifications without notice.

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