Tape·Stor Floppy/Parallel Minicartridge Series

Cost-effective, compact, convenient internal floppy and external parallel tape backup systems for desktop and laptop applications for Windows 95, DOS and Windows environments

Value
- Complete solution includes:
  - Tape drive
  - Software for Windows 95, DOS and Windows
  - Third drive cable (internal) or power cord and, as appropriate, parallel port cable (external)
  - Hardware and software installation manuals

Performance
- Maximum backup rates up to 9.5 MB/minute or 19.5 MB/minute (Tape·Stor 1700 and Tape·Stor 3200)
- Simple, fast way to manage and protect data
- Compact and quiet operation
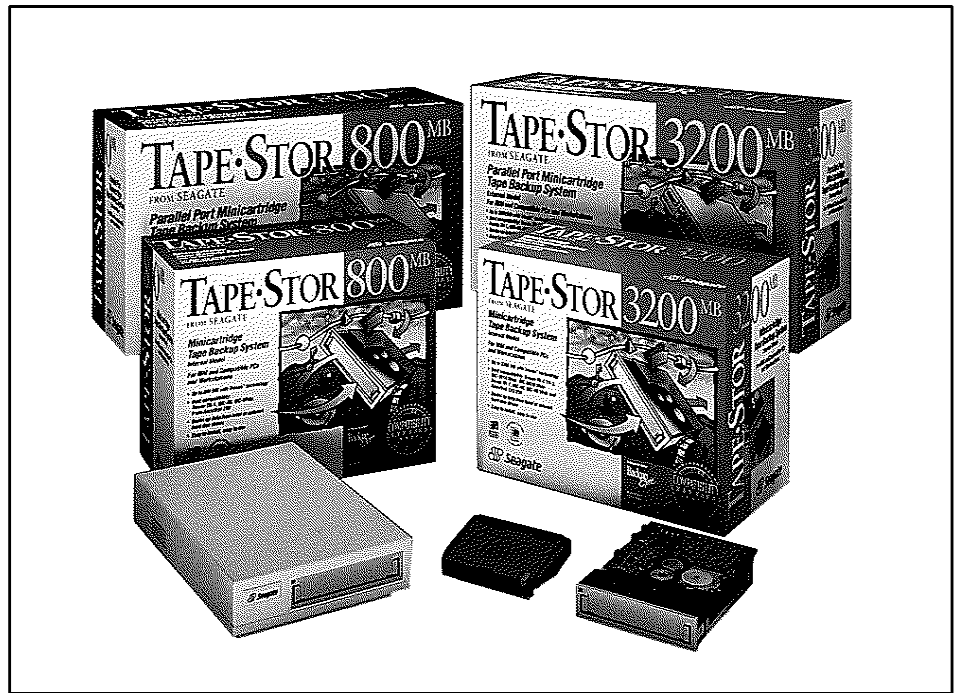- Transfer rates optimized with Seagate's unique FastSense™

Capacity
- From 420 MB to 3.2 GB with software data compression

Reliability
- MTBF rates of 200,000 hours (internal) and 150,000 hours (external)
- Error rates of less than 1 in 10^{14} bits
- Two year warranty

Compatibility/Versatility
- Simple, easy installation – all hardware and software included
- External drives equipped with pass-through port for simultaneous use with other peripherals – a single portable drive can be shared among several PCs
- Internal floppy interface drives are designed for single or multiple floppy disk drive systems

Complete Storage Solutions From Seagate

In addition to tape drives, Seagate offers a comprehensive line of information storage solutions, including disc drives, storage management software and storage subsystems, for a wide range of computer applications. For more details on Seagate's complete family of storage products, call Seagate's information service at 800-626-6637.

Additional information about Seagate and its products is available on the Seagate web site:
http://www.seagate.com

SEAGATE TAPE·STOR FLOPPY MINICARTRIDGE SERIES
SPECIFICATION SUMMARY

MODELS	Tape·Stor 420	Tape·Stor 800	Tape·Stor 850	Tape·Stor 1700	Tape·Stor 3200
Internal Models	TSM420R-FBE	TST800R-FBE	TSM850R-FBE	TSM1700R-FBE	TST3200R-FBE
External Models	TSM420EP-FBE	TST800EP-FBE	TSM850EP-FBE	–	–
DRIVE PERFORMANCE					
Compressed Capacities					
Travan (TR-1 and TR-3)	N/A	800 MB	N/A	N/A	3200 MB
QIC-Wide	420 MB	420 MB	850 MB	1700/850 MB	1700 MB
Quarter Inch	350/250 MB	350/250 MB	700 MB	1360/700 MB	1360/700 MB
Native Capacities					
Travan (TR-1 and TR-3)	N/A	400 MB	N/A	N/A	1600 MB
QIC-Wide	208 MB	208 MB	425 MB	850/425 MB	850 MB
Quarter Inch	170/124 MB	170/124 MB	346 MB	680/346 MB	680 MB
Maximum Backup Rate	9.5 MB/min	9.5 MB/min	9.5 MB/min	19.5 MB/min	19.5 MB/min
Tape Speed					
Read/Write	68/34 ips	68/34 ips	45/22 ips	45/22 ips	45/22 ips
Search/Rewind	110 ips	110 ips	90 ips	90 ips	90 ips
Data Transfer Rate	1000/500 Kbs	1000/500 Kbs	1000/500 Kbs	2000/1000 Kbs	2000/1000 Kbs
Tracks					
Travan (TR-1)	N/A	36	N/A	N/A	50
QIC-Wide	36	36	50	50	50
Quarter Inch	28	28	40	40	40
Recording Format	QIC-80 AccuTrak 250*	QIC-80 (Travan and QIC-Wide) AccuTrak 250*	QIC-3010-MC	QIC-3020-MC QIC-3010-MC	QIC-3020-MC QIC-3010-MC (Travan and QIC-Wide)
Read Only Compatibility	QIC-40	QIC-40	QIC-80/40	QIC-80/40 AccuTrak 250	QIC-80/40 AccuTrak 250 QIC-Wide
Media Compatibility	QW-5122XLF (QIC-Wide) 2120XL, 2120 (DC2000)	Travan TR-1 QW-5122XLF 2120XL, 2120 (DC2000)	QW-3010XL (QIC-Wide) MC3010XL	QW-3020XL (QIC-Wide) MC3020XL	Travan TR-3 QW-3020XL (QIC-Wide) MC3020XL
Fax Information Service File Number	2908	2908	2908	2908	2908

* AccuTrak 250 format is Read only for Backup Exec for Windows 95

GENERAL SPECIFICATIONS

Form Factor
Internal — 1-inch high; configurable as 3.5-inch x 1" or 5.25-inch x half high (1.7")
External — Standalone unit with integral power supply
Error Rate — Less than 1 in 10¹⁴ bits
Controller Interface
Physical (Internal) — QIC-107
Physical (External) — Parallel (EPP)
Logical — QIC-117

ENVIRONMENTAL CHARACTERISTICS

Operating
Internal — 41° to 113° F (5° to 45° C)
External — 50° to 95° F (5° to 35° C)
Non-Operating (both) — –40° to 149° F (–40° to 65° C)
Relative Humidity — 20% to 80% non-condensing
Wet Bulb Temperature — 78.8° F (26° C)

EXPECTED RELIABILITY

MTBF (20% Duty Cycle)
Internal — 200,000 hours
External — 150,000 hours
MTTR — Less than 20 minutes
Error Recovery Technique — Defect skip, write/read verify, read retry, ECC, Reed Solomon

POWER REQUIREMENTS

Operating
Internal — +5V — ±5% 0.15 idle; 0.8 A max stepping
+12 V — ±10% 0.03 idle; 1.8 A max running
Watts — Idle — 1.5
Nominal — 10.0
Max — 17.0
External — 120 VAC, 60 Hz – Domestic
230 VAC, 50 Hz – International Autoranging
Surge
Internal — +12V — 2.0 A max
External — 2.0 A max

SOFTWARE REQUIREMENTS

DOS v5.0 or later, Windows 3.1 or later, Windows 95

SOFTWARE INCLUDED

Seagate Backup Exec for DOS/Windows, Windows 95

HARDWARE OPTIONS

2 Mbs floppy controller, media

NETWORKS

Novell and others

WARRANTY

2 years

PRODUCT CERTIFICATION

UL1950; FCC CLASS B, CSA22.22; TUV EN 60 950

∽∽ Seagate