

MEMOREX COMPATIBLE DISC CARTRIDGE

The Memorex Mark III T disc cartridge is a top loading disc cartridge for 5444 type drives that is fully compatible with IBM System/3 computers and similar disc file systems utilized in other mini-computer installations. The single magnetic disc is contained between dust-proof fixed top and removable bottom covers.

There are two recording surfaces that provide up to 24 megabit unformatted storage capacity. The Mark III T will meet virtually any mini-drive requirement and comes with a single index notch only, or it can be provided with up to 48 sectors depending upon user specifications.

The disc is available in either single or dual densities with up to 400 tracks per surface. The unit is guaranteed to be error-free upon first initialization due to precise 200% surface testing.



MEMOREX

Mark III T Disc Cartridge

Mark III T General Specifications

Disc Substrate

Micro-finished aluminum that has been specially processed, heat treated, chemically cleaned and polished to optical smoothness.

Disc Coating

Ferromagnetic oxide suspended in a permanent epoxy binder.

Coating Thickness

110 ± 20 microinches at the inside recording diameter.

135 ± 25 microinches at the outside recording diameter.

Bit Density

2200 bits per inch

Track Density

100 or optional 200 tracks per inch on 2-inch recording bands. Additionally, 4 alternate tracks are available per surface.

Physical Dimensions

(including coverset)

Height	2.40 inches
Diameter	15.01 inches
Weight	5.5 pounds
Shipping Weight	10.0 pounds

Disc Information

Number of Recording Discs	One
Number of Recording Surfaces	Two
Covers	Tough, durable, unbreakable, non-flammable Lexan.*

Operating Temperatures

60°F to 120°F.

Sector Hub

Nickel-plated cast aluminum alloy hub with one index slot. 8, 12, 14, 16, 20, 24, 32 or 48 optional sector slots available at small additional charge.

Durability

The smooth, hard, flat disc will not chip, scrape or peel and is fully capable of error-free data recovery after more than 35,000 head loadings.

*Lexan is a registered trademark of General Electric Company.