

**Mark IIIIT**  
**Top Loading Disc Cartridge**

**Description**

Memorex's Mark IIIIT is a single-disc cartridge offered in standard and high-capacity models. Unformatted storage capacities are available up to 5 megabytes and up to 200 TPI.

It is designed for top-load use on System/3 computers and other top loading cartridge drives. Many of these drives are used in today's mini-computer installations.

Mark IIIIT models are offered with single index notch or up to 48 sectors.

The Mark IIIIT is backed by full factory and field engineering support.

The Mark IIIIT—Designed for Reliability.

When you use Mark IIIIT, your information's integrity is assured, from input through output. Memorex, the world's largest disc cartridge supplier, has designed, built and tested the Mark IIIIT to be unequalled in performance. We start by machining our disc substrates mirror smooth. Then each substrate is coated with an "armored" proprietary oxide formulation for maximum signal resolution and data integrity. Then each

disc is 100% read/write tested, half-altitude tested with special heads, and, after assembly, each cartridge is critically tested to insure optimum data throughput in any operation. Over 100 quality tests and audits in all.

Memorex's manufacturing expertise provides cartridge reliability that maximizes your system's performance. The company's years of experience in rigid disc design has resulted in a cartridge with reinforced plastic and metal parts which come together so precisely that optimum contamination resistance and data protection are superior.

You can be assured there is no better top-loading cartridge for your system than Mark IIIIT.



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**MEMOREX**

# MEMOREX

## Mark III T Disc Cartridge

### Mark III T Top Loading Disc Cartridge Technical Data

#### Disc Substrate

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

#### Disc Coating

Ultra uniform, exclusive "Armored" magnetic oxide spincoating.

#### Coating Thickness

Maximum ID Coating Thickness  
130 Mincroinches  
Maximum OD Coating Thickness  
160 Mincroinches

#### Bit Density

2200 bits per inch

#### Track Density

200 tracks per inch on 2 inch recording bands

#### Physical Dimensions

(including coverset)

Height	2.40 inches
Diameter	15.00 inches
Weight	5.5 pounds
Shipping Weight	8.0 pounds

#### Disc Information

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

#### Operating Temperatures

60° 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.

#### Durability

The smooth, hard, flat disc will not chip, scrape or peel and is fully capable of error-free data recovery after more than 10,000 head loadings with normal preventive maintenance.

\*Lexan is a registered trademark of General Electric Company.

#### Memorex Corporation

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