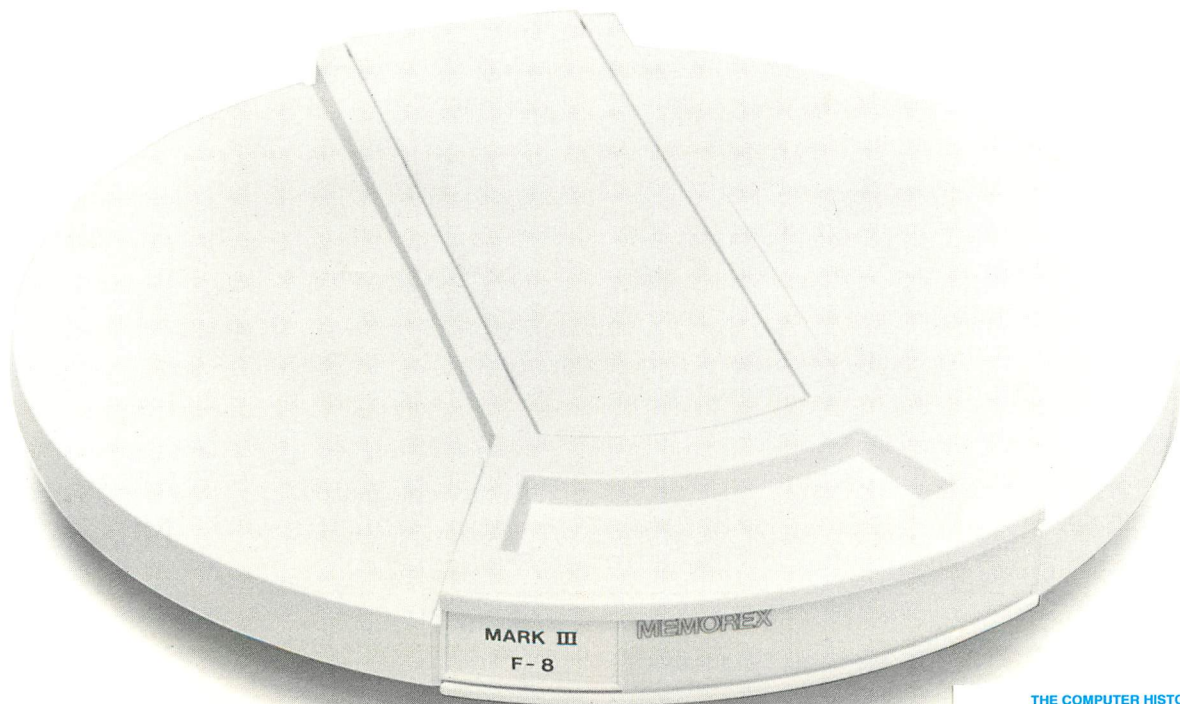


MEMOREX FRONT LOADING COMPATIBLE DISC CARTRIDGE

The Memorex Mark III F disc cartridge is a front loading disc cartridge designed to be fully compatible with disc drives requiring IBM 2315 type cartridges. It is primarily designed for applications using disc drives made by a number of independent manufacturers.

The single magnetic disc is contained within a dust-proof cover. There are two recording surfaces that provide up to 24 megabit unformatted storage capacity. The Mark III F will meet virtually any mini-drive requirement and comes with 8 to 32 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 F
Disc Cartridge**



Mark III F 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, four alternative tracks are available per surface.

Physical Dimensions

(Including cover)

Height: 1.37 inches

Diameter: 15.00 inches

Weight: 4.50 pounds (net)

8.00 pounds (shipping)

Disc Information

Number of recording discs: One

Number of recording surfaces: Two

Cover: 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; and either 8, 12, 14, 16, 20, 24 or 32 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 35,000 head loadings.

*Lexan is a registered trademark of General Electric Company.

Memorex Corporation

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