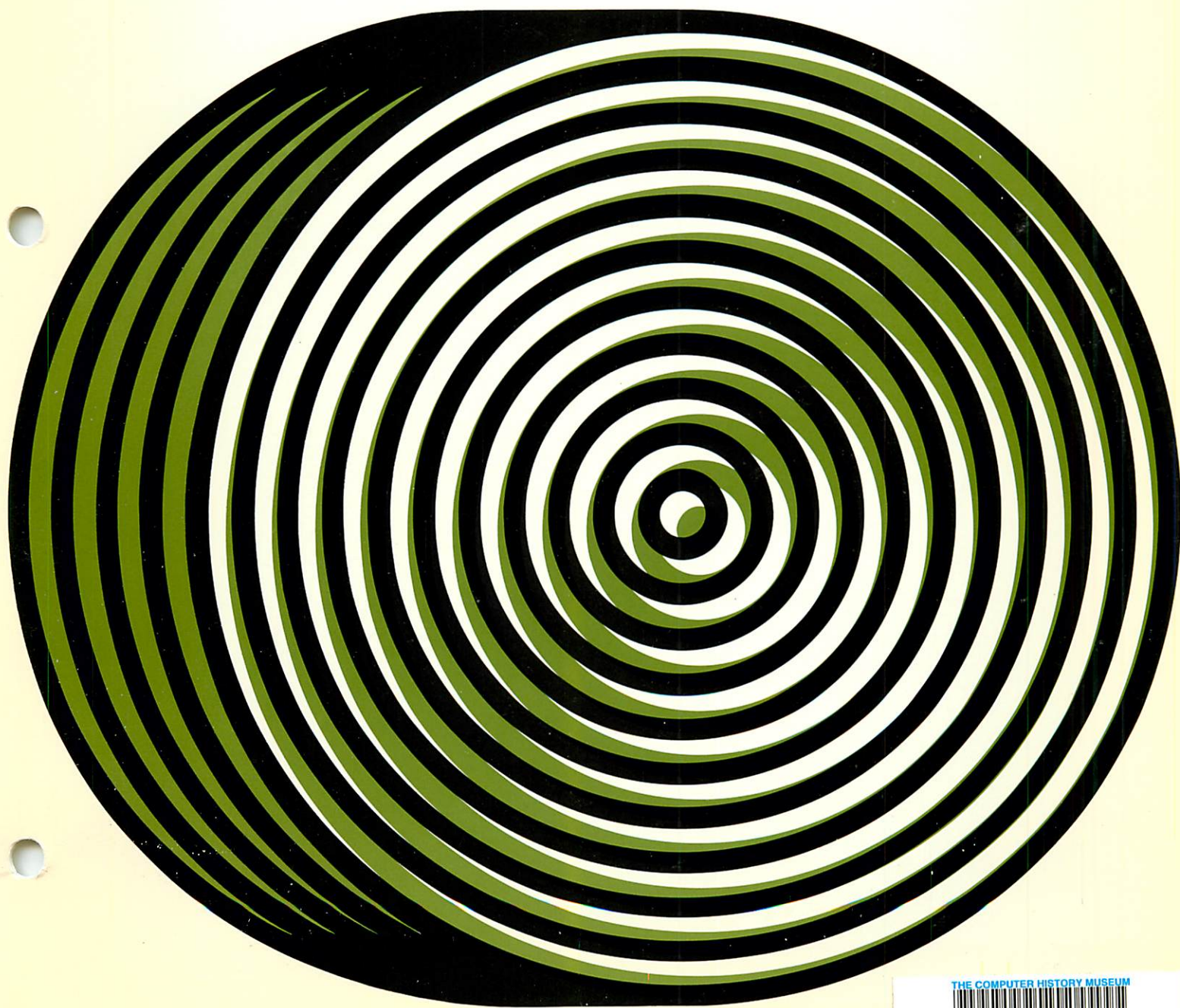


MEMOREX

MARK I DISC PACKS: QUALITY, REMOVABLE DISC STORAGE



THE COMPUTER HISTORY MUSEUM



1 027 4538 8

Memorex Mark I Disc Packs are designed for superior performance on disc memory devices such as the IBM 1311 and 2311 Disc Storage Drives.

We developed our new disc pack to fill your particular requirements: long term reliability and compatibility with your hardware. And we are geared to offer realistic and on-time delivery.

The Memorex Mark I Disc Pack is the result of an intensive three-year program to develop a product that is superior to disc packs now on the market. Extensive laboratory and field-use tests prove that we have met this objective. The Memorex disc pack is wholly consistent with the technical excellence and product quality of all Memorex precision magnetic media.



**TOTAL COMPATIBILITY
WITH YOUR DISC DRIVE.**

Our Mark I Disc Pack is mechanically and operationally compatible with your existing disc drives. It can be used with drives that record on 100 tracks per recording surface, such as the IBM 1311. Or it can be used with higher density drives such as the IBM 2311, which records on 200 tracks.

*Disc Drives Compatible with
Memorex Mark I Disc Packs*

Control Data Corporation 952

General Electric DSU 160

Honeywell H 256, H 258, H 259,
H 259A

IBM 1311, 2311

Memorex 630 Series

RCA 564

**MADE TO THE HIGHEST INDUSTRY
STANDARDS FOR SUPERIOR PERFORMANCE.**

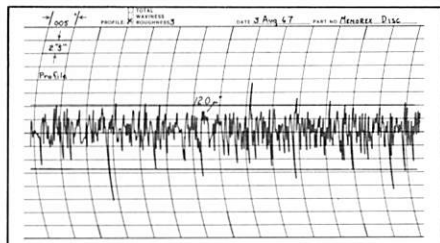
The Mark I Disc Pack is basically an assembly of six discs providing 10 recording surfaces, enclosed in a heavy-duty, dustproof container.

We use proprietary methods to formulate and apply the disc's magnetic coating. This coating is compatible with the stainless steel "flying" heads ordinarily used in disc storage drives. The magnetic coating covers each disc evenly with a tough, durable film that won't chip or peel during normal disc drive operation. The coating will withstand normal impacts of the flying heads during operation. Memorex discs can be cleaned with the 91% isopropyl alcohol solvent usually used to clean heads.

We use advanced techniques to finish the recording surfaces. Since the

Mark I Disc Packs: Another quality precision magnetic product from Memorex.

heads' movement over the discs is directly affected by surface properties, we meet a number of exacting mechanical parameters. The most important of these is local flatness. By giving our discs the smoothest surface in the industry, we are always able to maintain the head-to-surface relationship to close tolerances.



Surface smoothness assures proper gliding. The Memorex disc pack has a local flatness providing a rate of change of less than 0.0005 inch per inch. The mean surface roughness is less than 3.5 microinches AA, as measured with a 0.0001 inch radius stylus at a 0.030 inch cutoff. The maximum peak rising above the mean surface is less than 20 microinches. These exacting specifications are achieved by using proprietary processes in the preparation of the aluminum substrate and coating, and surface-treatment of the deposited magnetic media.

THE NEW MEMOREX DISC PACK CASE: UNCONDITIONALLY GUARANTEED.

Our new case is a strong, dust-proof protective container with a top cover molded entirely of LEXAN®. Extremely impact-resistant and fire-retardant, it won't crack or break, even under heavy use. We back this claim with an unconditional guarantee: If our Mark I Disc Pack cover cracks or breaks, we'll immediately

replace it. (In independent laboratory tests, our LEXAN cover proved to be several times more resistant to compression, impact, sunlight, chemicals, and flame than the "high-impact" polystyrene covers commonly used. It also exhibited more flexibility and tensile strength.)

The cover's locking mechanism is constructed for durability. Made of tough materials, it has more than the usual number of threads to prevent stripping.

Our new LEXAN cover can also house any IBM 1316 disc pack.

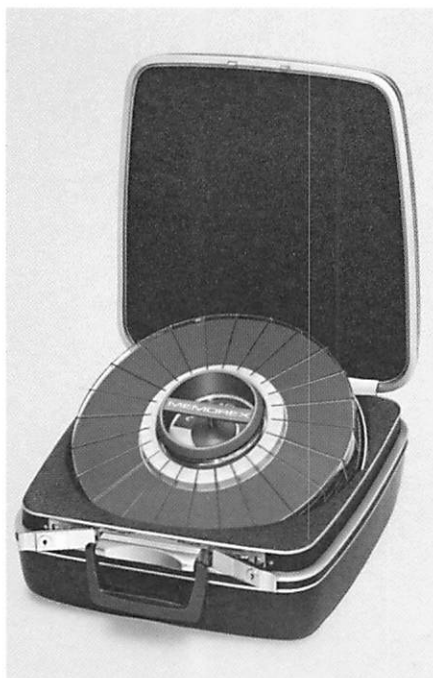
DISC PACK ACCESSORIES

The Memorex Disc Pack Transporter

is designed to *fully* protect your disc pack in transit. Just five pounds, it is a handsome carrying case of modern design, compact enough to fit under an airplane seat.

Special identification labels for the disc pack are also available. These offer maximum writing space, yet they will not cause an imbalance of the pack on the drive.

Our Disc Pack Transporter, special disc pack identification labels, and LEXAN covers may be ordered separately. Call the Memorex office nearest you, or write us at 900 Memorex Park, Santa Clara, California 95050.



CERTIFICATION AND WARRANTY.

Each Memorex Mark I Disc Pack is certified to meet IBM 1316 Disc Pack requirements. Before releasing our disc pack to you, we first inspect and test the electrical properties of each disc. The assembled pack is dynamically balanced. Then the pack is completely tested on a data processing system with a read/write program developed specifically by Memorex quality control engineers.

Each Memorex disc pack carries a four-month warranty covering repair and replacement.

The LEXAN top cover is unconditionally guaranteed against breakage. If for any reason it cracks or breaks, it will be promptly replaced.

For full details on
our new Mark I Disc Pack
and Disc Pack Case,
contact your man from

MEMOREX

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