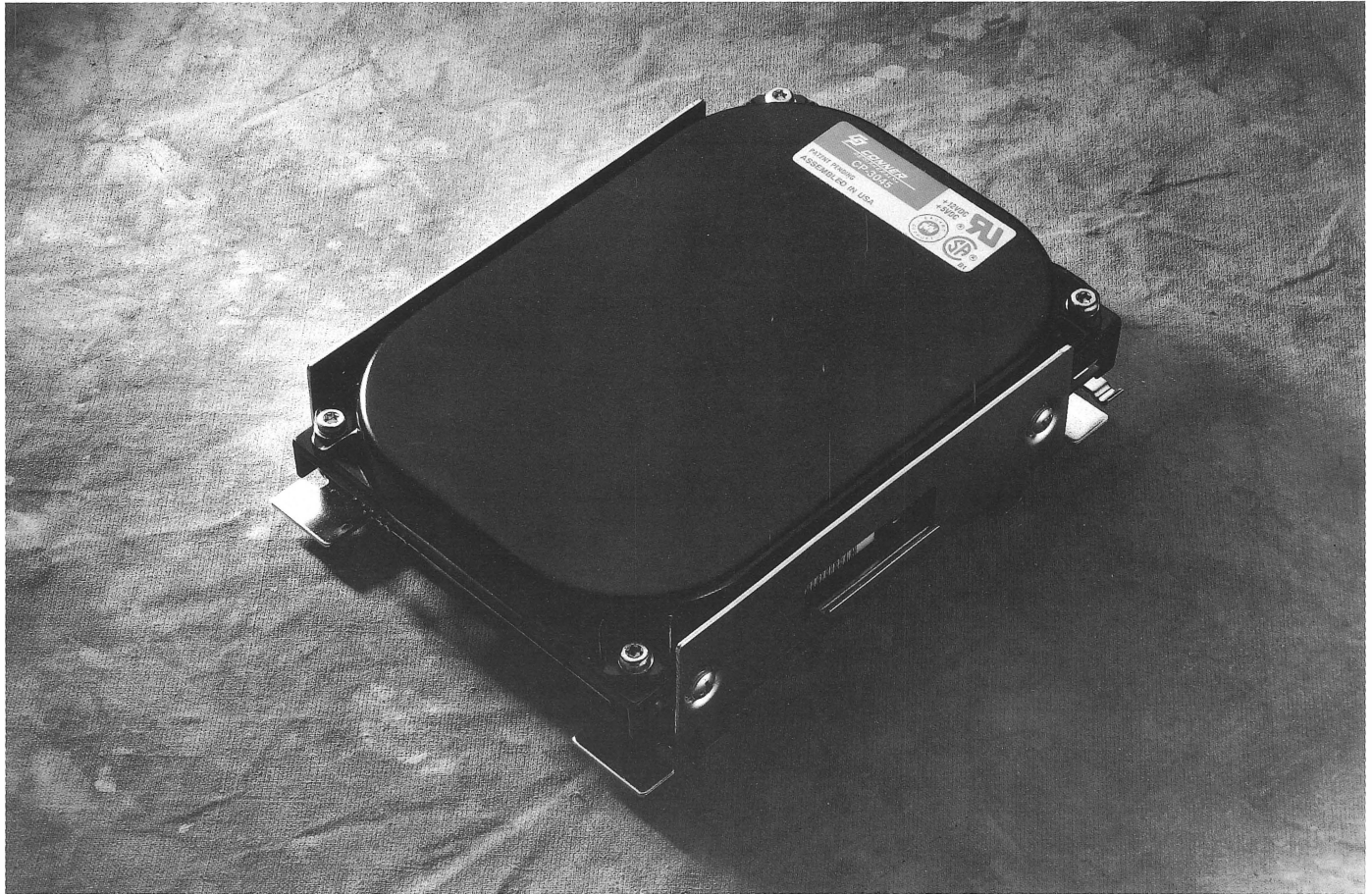# Macintosh Portable Internal 40SC Hard Disk

Overview

The Macintosh® Portable Internal 40SC Hard Disk provides fast, convenient access to high-performance storage and large-capacity applications. Only one inch high and weighing 1.1 pounds, the Macintosh Internal 40SC Hard Disk has been designed especially for use with the Apple® Macintosh Portable personal computer. It draws little power from your batteries, and virtually eliminates disk swapping because it can accommodate multiple applications, complex documents, and large databases in one convenient location.

Features

▶ 40 megabytes of internal disk storage

▶ Rapid data accessing

▶ Power-efficient design

▶ Rugged design

▶ Industry-standard Small Computer System Interface (SCSI)

Benefits

▶ Puts large documents and dozens of applications at your fingertips.
▶ Offers 50 times the capacity of an 800K floppy disk.
▶ Virtually eliminates disk swapping.
▶ Is conveniently portable; the disk fits inside the computer.

▶ Accesses data as quickly as most desktop disk drives of the same size.

▶ Extends the life of your portable battery.
▶ Lets you use your computer longer before recharging.

▶ Resists shock and impact.
▶ Protects your data.

▶ Transmits data faster than a serial interface, at up to 1.25 megabytes per second.
▶ Lets you expand your system with up to six additional SCSI hard disks, tape backup drives, or other SCSI devices.

System Requirements	To use a Macintosh Portable Internal 40SC Hard Disk, you will need a Macintosh Portable	personal computer and System Software Version 6.0.4 (or later).	

Technical Specifications

Capacity
- ▶ Data capacity: 40 megabytes (formatted)
- ▶ Data surfaces: 2
- ▶ Heads/surface: 1
- ▶ Block size: 512 bytes
- ▶ Total disk blocks: 82,080
- ▶ Blocks/track: 40

Characteristics
- ▶ Average seek time: 25 milliseconds
- ▶ Rotational speed: 3,557 rpm
- ▶ Startup time: 20 seconds (maximum)
- ▶ Typical startup time (from sleep): 6 seconds
- ▶ Spin-down time: 10 seconds (maximum)
- ▶ Typical spin-down time: 5 seconds
- ▶ Automatically retracks to the inner stop (nondata area) upon power down to protect data area during travel and startup

Interface
- ▶ Connects directly to the Macintosh Portable via the SCSI 34-pin connector (inside the case)

Electrical requirements (system)
- ▶ Line voltage: 70 to 270 volts AC
- ▶ Frequency: 40 to 70 hertz
- ▶ Maximum power: 15 watts

Environmental requirements (system)
- ▶ Operating temperature: 50° to 104° F (10° to 40° C)
- ▶ Storage temperature: -40° to 140° F (-25° to 60° C) (for a period not to exceed three days; storage for longer periods must be within operating temperature range)
- ▶ Relative humidity: 5% to 95% noncondensing
- ▶ Operating altitude: 0 to 10,000 ft. (0 to 3,048 m)

Size and weight
- ▶ Height: 1 in. (2.5 cm)
- ▶ Depth: 5.75 in. (14.38 cm)
- ▶ Width: 4 in. (10.0 cm)
- ▶ Weight: 1.1 lbs. (0.5 kg)

Ordering Information

Macintosh Portable Internal 40SC Hard Disk*

Order No. M0268

With your order, you'll receive:
- ▶ Macintosh Portable Internal 40SC Hard Disk
- ▶ Limited warranty statement
- ▶ Customer referral sheet

*Requires installation by an authorized Apple dealer.