MCM

World's first
portable full-service
APL computer.
World wide
distribution/service.

PMR-400
CARD READER

KEY FEATURES

- **Single Motion Transport Mechanism**
- **Reads Both Punched and Marked Cards**
- **Self-Diagnostic Fault Detection/Display**
- **Fiber Optic, Self Cleaning Read Station**

At up to 400 cards per minute, the PMR-400 can read either punched or marked cards, using a patented transport mechanism which permits the reader to handle damaged, misregistered, or oily cards as easily as clean cards. The transport mechanism eliminates card handling problems typical of other readers by using only one moving part to pick cards, transport them past a fiber optics read head, and stack them in one motion. Card flutter and skewing, the most common causes of reader errors, are avoided because the transport mechanism eliminates the track commonly used for the passage of cards. Cards are "strapped" to the transport instead of being bounced between capstains and rollers. They are automatically stacked without web damage, card shuffling, or stacker jams because

of the unit's unique patented power stacker mechanism. These are but a few of the unique features which extend card life and preserve card integrity while assuring continuous and dependable data collection.

The PMR-400 has built-in self-diagnostic capabilities which greatly simplify maintenance and minimize corrective "down time". The system signals "NOT READY" conditions caused by mechanical or electronic malfunctions and pin-points specific errors such as loss of sync, light check, dark check, stacker or feed errors. Electronic feature re-synchronization upon detection of data insuring accurate acquisition of card information with up to 0.20" misregistration of data.

THE PMR-400 — A LOGICAL EXTENSION OF THE MCM MICRO COMPUTER SYSTEM.

PMR-400 SPECIFICATIONS

CARD RATE	400 cpm (max)	FEED	End Feed: Column "1" First
CARD CAPACITY		READ	Character Serial, bit parallel
HOPPER	1000	SIZE	17" H x 14" W x 21" D
STACKER	500	WEIGHT — Net	55 lbs.
		— Shipping	60 lbs.

The PMR-400 Card Reader is a definite asset where high volume data input is a requirement. The combination of batch input via the PMR-400, and the interactive keyboard input capability of the computer, provides total applications design flexiblity.

An added feature is the PMR-400's mark sense capability. Data can be prepared remote from the computer and entered later — directly, without the need for costly, time consuming key punching.

- **Selectable Punch/Mark Reading**

- **Selectable Mark Sense Format/ Timing**

- **Dynamic Card Loading/Unloading**

- **Columnar Resynch**

- **Power Stacker**

- **Automatic Stop**

- **Helical Card Separator**

- **As are all MCM peripheral products, the PMR-400 Card Reader is fully supported, including special software drivers, hard-wired into the computer, and is attached to the computer through the omniport cable.**

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