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IBM 129

IBM 129
Card Data
Recorder

IBM 129 CARD DATA RECORDER

Description:

The IBM 129 Card Data Recorder is an operator-oriented, stand-alone, key entry machine used to prepare 80-column punched cards. Three basic models are available:

- Combination punch and verify
- Punch-only with printing
- Combination punch and verify with printing

The IBM 129 utilizes a buffered storage providing increased throughput and capabilities over present keypunch and verifier machines.

Features:

- Key in data while machine is performing such automatic functions as card feed, register, skip and duplication.
- Key in data while previous card is being punched.

- Erase and correct a keyed error before punching.
- Insertion of automatic left zero or left blank without field size limitation.
- Store and control of six program levels from buffered storage. One additional program level of 80-column alpha.
- Immediate make-over of error cards during verification. Hand-insert blank card behind error card and punch out corrected card.

Reliability:

- Spring-loaded print interposer unit minimizes print mechanism damage when duplicating program cards or invalid information.

- P Cams, Program Cam Contacts, and CF Cams replaced by optical system. Pin sense unit replaced by optical reading system.
- Buffered storage of programs eliminates program drum and starwheels.

Technology:

- Card reading and machine function timings are provided by optical systems. These systems use light sources and light sensitive transistors.
- Machine functions and memory are controlled by 100 ns Solid Logic Technology Dense (SLD). This technology has a proven reliability and ease of servicing.

- Buffered Memory is comprised of Field Effect Transistor (FET) Technology.

Serviceability:

- Direct punch switch isolates electronic circuitry to allow diagnosis of mechanical faults.
- Analysis Procedure Manual (APM), a diagnostic guide, assists the CE in locating the failing field replaceable component.
- The ability to punch out information in storage allows the CE to determine program and data contents of storage at any given point.

This is an CE Career Path "Data Recording" product.



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