



I.C.T 1900 SERIES

CARD READER 1911



DESCRIPTION

The 1911 is an on-demand, serial reader capable of reading data punched in 80-column cards at rates of up to 900 cards a minute. Data are transferred under the control of integral electronic circuits to the Central Processor via the Standard Interface. Reading starts at column one and continues until the number of columns specified by the program has been transferred.

- Serial card reading at up to 900 a minute—on demand
- Automatic de-coding or Card Image transfers
- Automatic accuracy checks

CARD READER 1911

Codes

Cards punched in the I.C.T 64-character code can be automatically translated into the 1900 series internal code. Other types of punching can be read by means of the optional Card Image feature. This feature transfers the full card pattern to the core store in 160 six-bit character locations. These two modes of reading are selectable by program.

Accuracy

Accuracy of reading is ensured automatically by testing the photo-cells themselves and by reading each column twice and comparing the two readings. Any discrepancy causes that card to be diverted automatically into a Reject Stacker.

Operator Facilities

Operator aids include a trickle feed hopper (3,000 card capacity) to reduce the frequency of replenishment, a set of indicator and warning lights, and a set of control switches for starting and stopping the unit, allocating the unit to and releasing it from the central processor, and running cards out of the waiting stations. Card can be loaded and unloaded without stopping the machine.

SPECIFICATION

Card capacity 80 column
Speed 900 cards a minute
Hopper 3,000 cards capacity—trickle feed
Stacker 2,400 cards capacity
Reject 450 cards capacity
Access time from acceptance of read instruction to reading the first column approximately 20 milli-seconds. Read period 40 milli-seconds.

PHYSICAL CHARACTERISTICS

Height 54 inches
Depth 30 inches
Length 66 inches
Weight 400 pounds approximately

This specification is subject to modification

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