

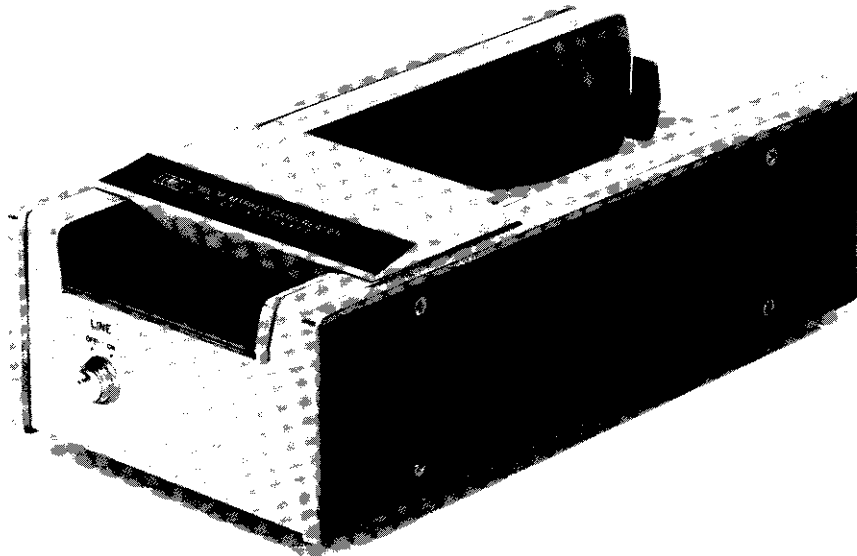
HEWLETT **hp** PACKARD

MODEL

60

# 9860A MARKED CARD READER

TECHNICAL DATA SEPTEMBER 1973



9860A MARKED CARD READER

## DESCRIPTION

The Model 9860A Card Reader optically reads cards marked with a soft lead pencil. Using cards users can quickly and conveniently enter computer programs or numerical data.

Often used numerical data marked on cards can be retained permanently for record purposes or as part of a data file.

Many users can simultaneously write machine readable programs without tying up the keyboard for hours. Thus the computer is available to more users because valuable machine time is reserved for actual program execution.

The 9860A allows total keyboard programming of the 9800 Series Programmable Calculators. Keys including decimal settings, program mode, and magnetic card load, record, and others can be controlled by the 9860A.

## SPECIFICATIONS

<b>Line Width</b>	Minimum 0.020 inch pencil mark required for reliable sensing.
<b>Reading Rate:</b>	30 milliseconds per character. Inserting card starts motor which pulls card through reader.

**Codes:** Column weights of marked columns are added to total the calculator key code.

**Operating Modes:**

- Program mode—program instructions on the card are loaded into successive calculator core memory locations.
- Run mode—key operations may be performed by marking the appropriate octal key code.

**Skip Channel:** Marking in the skip channel causes that character to be ignored.

## GENERAL

**Weight:** Net 6.4 lbs., shipping 9 lbs.  
**Power:** Either 115 V or 230 V AC,  $\pm 10\%$ , 48–440 Hertz; maximum power requirements are 7 W AC.

**Dimensions:** 3 1/2" high by 5 1/3" wide by 11 1/4" deep.

**Temperature:** Operating range, 0° – 55°C.

## PURCHASE PLANS

Check with one of the Hewlett-Packard worldwide sales and service offices for specific prices and plans in your area.

**Service Contracts Available**

