

INSTRUCTION MANUAL
MODEL 4
NMOS EPROM PROGRAMMER



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OPERATORS MANUAL
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1.0 INTRODUCTION

1.1 Instrument Description

The E-H Model 4 PROM Programmer is a stand alone, microprocessor controlled, NMOS EPROM Programmer. It is designed to Program, Verify, and Modify all NMOS EPROMS, 2704 (4k) through the TI 128k's.* The EPROM device selection is done using Software Personality.TM No Personality Boards are required. Two simple keystrokes select the EPROM of your choice.

The Model 4 can be easily run by any operator, but has a tremendous software package to allow in-depth data manipulation using keyboard commands.

The compact design of the Model 4 permits it to be used as a portable field service instrument, yet is also suitable for use in laboratory and production line environments.

*Assuming the EPROM manufacturers follow the announced pin out and standard program algorithm on the 64k and 128k parts.

The Model 4 has everything necessary to make it a complete programming system. It contains 2kx8 RAM which allows EPROM emulation and extensive move and list commands. The sockets are buffered and powered down (cold) after every operation.

The unit also comes standard with an RS232 and TTY serial I/O Interface allowing communication with a terminal, development system, etc.

The Model 4 is laid out for easy operation. The Hex Keypad is used to enter the device type, alter data, and enter commands for editing and emulate software. The 8 digit display shows address, master data and copy data simultaneously. The remaining five keys allow the operator to initialize the programmer to the command mode using the Reset key, Load Master data into the RAM, Verify the Master to the Copy PROM and Program will automatically blank check the copy PROM, program it from the master using the manufacturers specifications and then verify it back to the Master. The Step key allows manual advance of the programmer, similar to a carriage return.

This manual explains the Model 4 operations in detail. Individual features are discussed in Section 2; operating instructions are given in Section 3.