

Specifications

| | |
|------------------------------|--|
| Object of writing | :24- to 48-pin(DIP) EPROM and EEPROM flash memory. Adapters are also available for packages such as SOP, TSOP and PLCC. *For details, please inquire further. |
| Simultaneous written | :Up to 16 devices. |
| Memory | :256Mbit standard. :Maximum 1Gbit. |
| Device operations | |
| COPY | :Copy data from PROM to memory. |
| BLANK | :PROM blank status check. |
| PROGRAM | :Write data to PROM. |
| VERIFY | :Compare PROM data and memory data. |
| CONT | :Execute Blank, Program and Verify operations in sequence. |
| ERASE | :Erase data stored in flash memories and EEPROMs. |
| Data input | :RS232C, Centronics parallel interface, master ROM copy. |
| Interface | :RS232C, Centronics parallel interface, Ethernet interface. |
| Display | :Liquid crystal, 40 x 4 characters. |
| Operating temperature | :5 to 35 C |
| Power | :85 to 264 V AC(no switching), 47 to 66Hz |
| Power consumption | :100 VA (maximum) |
| Dimensions | :(W x H x D) 390 x 140 x 380 |
| Weight | :7.5kg |



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Gang Programmer MODEL 1940



**Huge 256M-bit Standard Capacity
Delivers Enough Power to Write to
16 Devices Simultaneously**

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Features

Speed

This unit allows simultaneous writing to multiple device at speeds 2-5 times faster than earlier MINAT models, as well as ultra-fast verify operations.

[Examples] 8-Mbit devices

| | program | verify |
|----------------------|---------------|-------------|
| MODEL1940 | 12.04 seconds | 2.7 seconds |
| Earlier MINAT models | 58 seconds | 23 seconds |

*Writing speed differs from device to device.

[Examples] 32-Mbit devices

| | program | verify |
|----------------------|--------------------|-------------------|
| MODEL1940 | 30 seconds | 8.5 seconds |
| Earlier MINAT models | 3minutes 50seconds | 1minute 32seconds |

*Writing speed differs from device to device.

Large Capacity

Model 1940 has a standard memory capacity of 256Mbits (32megabytes), expandable to a maximum of 1Gbits (128megabytes). Its state-of-the-art design makes it suitable for use with most devices.

Suitable for Low-voltage Devices

Model 1940 is designed to handle the new low-voltage devices now emerging (5V, 3.3V and 1.8V).

Easier Setting

A wider liquid crystal display enables the operator to take in all the necessary information at a glance.

High-speed Data Transmission

The combination of a 200Kbps data transfer capability (when using a parallel interface) and a larger memory enables the unit to deliver much faster transfer speeds.



Options

Conversion Adaptors

Minato Electronics has developed over 300 types of conversion adaptors.



*Other types are available for special packages, DIMMs, etc.

*With a few exceptions, conversion adaptors for Model 1930 can also be used.

Ethernet Interface

Various Ethernet interface are available as options according to the manufacturer and type of equipment involved.

