ProMax

ProMax is the most innovative
and cost effective 4- or 8- gang programming solution on the market.
ProMax supports a wide variety of programmable devices.
Its state-of-the-art technology and high-speed programming algorithms optimize throughput, reliability and yields.

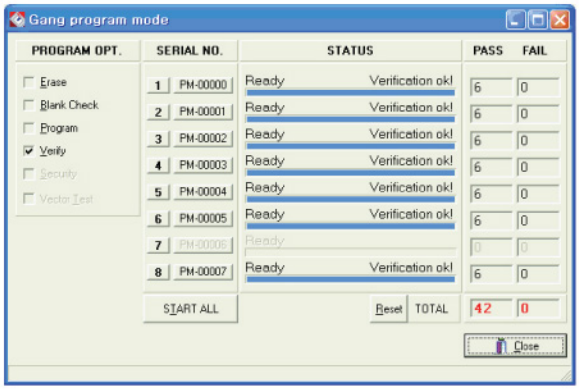
PRODUCT HIGHLIGHTS

- Cuncurrent Universal Device Programmer
- B/P/V takes 85 Sec. for 8 of 64 Mbit Flash Memory
- Support US 2.0 Host PC Interface

KEY FEATURES

<Software>

- Auto search device select function supports E(E)PROMs & Microcontrollers
- Device insertion test identifies improperly inserted device before programming
- Gang Program Mode allows programmers up to 8 sockets as concurrent programming system
  (START ALL key enable to program the programmers simultaneously)



- Set device/buffer address ranges before programming devices
- Extensive on-line F1 help system provides text and graphics
- Device Operations: Read,Blank check, Program, Verify, Checksum, Data compare, Security, Auto(blank check-program-verify), Option Bit program
- User-changeable programming parameters
- Built-in editor for both buffer date and test vectors
- Support Binary and all hex files (POF and JEDEC, Intel Hex, Tekhex, Motorola S Records, straight hex, hex-space, Extended Tekhex, and others, automatic file type recognition) with Load,Edit, and Save commands
- Start Key Button Function allows ProMax to operate in mass-production mode (E->B->P->V with one cycle operation)

<Hardware>

- One on-board FPGAs for extremely fast communication.
- Supports real low-voltage support : 5, 3.3, 2.7 volt for programming power
- Detects all pin locations for poor or damaged pin contacts
- External START key allows production programming mode
- Internal universal power supply,110-240 VAC (no separate power supply required in foreign country)
- Current limiting protects hardware circuit from improperly inserted or defective chips and operation errors
- Standard 48-pin ZIF(Zero Insertion Force) socket accepts both 300mil and 600 mil DIP devices
- True universal pin driver hardware
- Support a high-speed USB2.0 port for PC interface
- Hardware diagnostic program exams all socket-pin drivers before using programmer

SYSTEM REQUIREMENT

- TYPE: 386, 486, Pentium or compatibles, PS/2, Portable(notebook) computer
- A hard disk drive (4 Megabytes) is recommended for software installation / set up
- PC RAM size: 512K of conventional memory
- I/O PORT: 2.0 port
- OS: WINDOWS 2000 / NT / XP or greater

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DEVICES PROGRAMMED

- M25Pxx, MX25Lxx, S25LFxx, SST25VFxxx
- NAND Flash Memory
  Samsung K9Kxxx, K5Axxx, K5Fxxx,
  M-System MDOC-256 / 512, Toshiba TC58xxx
  St-Micro NAND01G
- 28Fxxx, 29Fxxx, 38Fxxx, 29LVxxx, 26LVxxx, 29GLxxx, 29ALxxx, 29Wxxx, 36xxx, 32HFxxx, 34VFxxx, 37VFxxx, 39SFxxx, 39VFxxx, 45LFxxx, 49LFxxx, 50FWxxx
- 27xxx and 27Cxxx series, from 16 Kbit to 32Mbit with 8-bit/16-bit
- EEPROM 27Exxx, 28xxx , and 28Cxxx series
- 256 Kbit to 32 Mbit 28Fxxx, 29Fxxx, 29Cxxx, 29BVxxx, 29LVxxx, 29Wxxx, 49Fxxx series (1.8, 2.7, 3.3, 5.0, or 12 Volt)
- 24Cxx, 24Fxx, 25Cxx, 59Cxx, EPC1/1213/1648, and 93Cxx
- ispLSI(10/20)xx, ispGAL22V10, ispGDS1(2)x, LC40(41)xx M4Axxx series
- PALCEs, GALs : 16V8, 20V8, 22V10, 20RA10, 26V12 series
- DS12xx, DS13xx, DS15xx, DS16xx series
- PEELs 153, 173, 253, 273, 18CV8, 20CG10 series
- EPLDs PLCxxx, PLSxxx, PLUSxxx, Epxxx, EPCxxx, EPMxxx, PLDxxx, 5Cxxx, 85Cxxx series
- ATF16/20/22Vxx, ATV750/1500/2500
- MACH1xx/2xx/4xx, and xxx-SP series
- MAX5000, MAX7000 series
- 8741, 8742, 8748, 8749 series
- 87C51/52, -FA, -FB, -FC, '528, '652, '654, '54, 89Cxx, 89Sxx, 89LVxx, 89Cxxxx, DCF85xx, 85(87/89)LPCxxx, PXAxx series 87C751/752
- ST62xx, ST7xx, ST9xx, ST10xx series
- XC17Sxxx, 17Vxxx, 72xx, 73xx, XCF01 / 02 / 04 series
- PIC12Cxxx, PIC16xxx, 17xxx, 18xxx series
- MC68705, MC68HC705, MC68HC711, MC68HC908, MC9S08
- Z86Cxx, Z86Exx series

DEVICES TESTED

- TTL type : 54, 74(S, LS, L, H, HC) series
- CMOS type : 40, 45 series
- Dynamic Memory : 4164 - 1MBit
- Static Memory : 6116 - 6256
- User definable test pattern generation

TECHNICAL SPECIFICATION

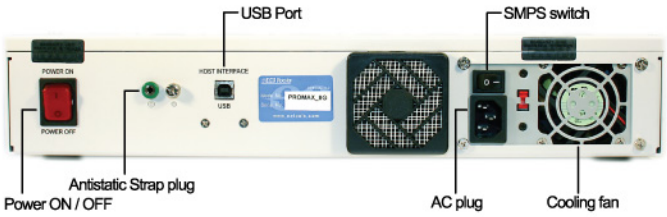
Dimension:

- -4 site(ProMax-4G) 10.5"(L) x 13.5"(W) x 3.0"(H)
- -8 site(ProMax-8G) 14.0"(L) x 13.5(W) x 3.0"(H)

Weight:

- -4 site(ProMax-4G) 10 lbs
- -8 site(ProMax-8G) 15 lbs

Built-in Socket: Textool 48 pin ZIF standard



SAFETY STANDARD

- CE compliant

STANDARD ACCESSAORIES

- Power Cord
- USB Cable
- Software CD and User's Guide

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