

# EasyPRO 100B UNIVERSAL PROGRAMMER



- **USB Interface**
- **Powerful Multiprogramming**
- **Free Life-time Software Updates**
- **Ideal for Programming & Testing Needs**

**For Scientists, Technical Professionals**

>>>>>Excellent circuit structure , best programming quality and protection designed to give the best service to you ... <<<<<<



## Introduction

**EasyPRO100B** is built to meet the demands of development labs and field engineers for a specialized low-cost programmer.

**EasyPRO100B** supports device programming and testing for a variety of device types covering EPROM, EEPROM, Serial PROM, FLASH, MPU/MCU, GAL, SRAM, TTL/CMOS etc. Standard 40 pin universal pin- drivers come with universal package adapters to support all types of devices in same package with a single adapter. USB port interface is provided to connect to the majority of notebook or desktop PC runs on Windows98 or above .

**EasyPRO100B** features modular pin drivers to provide excellent programming capabilities at high speed, high reliability and high expansion flexibility. All pin drivers of EasyPRO100B are fully programmable to meet modern programming/ testing needs.

## Features & Benefits

### ■ High Performance

EasyPRO100B's exclusive feature saves you time, frustration, and money.

- **Flexible, Reliable Support for the Latest Devices** : Support over 6000 devices covering EPROM, EEPROM, Serial PROM, FLASH, MPU/MCU, GAL, etc..Most of programmable devices in DIP, SDIP, SOP, SSOP, TSOP, PLCC, QFP, or BGA package types can be programmed on a default DIP40 socket or through an appropriate ADAPTER/CONVERTER.



## ■ Advanced hardware features

- **Wide IC Coverage** : Support the great mass of the universal devices on the market.
- **High Reliability** : Self-Test system check hardware status any time.

## ■ Software designed with you in mind - Get to work immediately

The programming software's easy-to-use graphical interface eliminates your learning curve-you don't need the manual! Friendly operation interface combines many powerful functions with ease to use.

- **Project manager save option** : Project minimizes the whole process of device selection, file loading, device configuration setting, operation option etc. to a single step.
- **Auto one touch** : The EasyPRO100B offers the "automated one touch" system. This allows you to blank check, erase, program, verify or any combination of these functions with the ease of just pushing a button.
- **Device Check** : Give a warning automatically according to the actual ID read when a mistake type is selected.
- **CRC Verify**: File CRC check and detect large file offset automatically.
- **Serial number generator** : Serial number can be generated and programmed into Code or Data locations automatically in anyway customer specified.
- **Algorithm Updates** : EasyPRO100B provides universal, highly flexible device programming support for today's memory, microcontroller and logic devices from all the major manufacture. We release new device support software from our website weekly.

## ■ A powerful multiprogramming

Attaching of more EasyPRO100B programmers to the same PC (through USB port) is achieved a powerful multiprogramming system with as much chips supported as EasyPRO100B can and without obvious decreasing of programming speed. It is important to know, there is a concurrent multiprogramming - each programmer works independently and each programmer can program different chip, if necessary.

## ■ Ideal for Engineering as well as Production Environment

Programmer is built to meet the demands of development labs and field engineers for a specialized memory programmer.



EasyPRO Programmers



## Specification

### ■ General

<b>Power :</b>	by external power supply AC input voltage :220V 50Hz DC output voltage :20V 500mA
<b>Dimensions :</b>	L×W×H: 160mm× 103mm×30 mm
<b>Mass :</b>	0.27kg

### ■ Software

<b>Algorithms :</b>	uses manufacturer approved algorithms
<b>File Type :</b>	It can handle file in binary/machine code , Intel Hex, Techtronics, Signetics, Motorola, ASCII,MS-DOS fn. COM & EXE , DRAFT etc.
<b>Device Supported:</b>	including, but not limited to low voltage, PROM, EPROM, EEPROM, Flash EEPROM, Microcontrollers, GAL, SRAM, TTL/CMOS device test.
<b>S/W update :</b>	virtually supports you, and free life-time software updates are available!

### ■ Hardware

<b>Calibration :</b>	automatic self-calibration
<b>Diagnostics :</b>	RAM, ROM, CPU, pin drivers, power supply, communications, cable, calibration verification timing.

### ■ PIN Drivers

<b>Quantity :</b>	40-pins standard
<b>VPP Range :</b>	2.8~18V
<b>VCC Range :</b>	2.8~12V
<b>Clocks :</b>	continuously variable 4M~48M
<b>Protection :</b>	overcurrent shutdown, power failure shutdown
<b>Independence :</b>	pin drivers and waveform generators are fully independent and concurrent

### ■ PC System

<b>Requirements :</b>	Microsoft Windows 98 or above
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### ■ Standard Accessories Included

**EasyPRO100B universal programmer**  
**Software on CD-ROM**  
**User manual on CD-ROM**  
**USB cable**  
**AC/DC adaptor**  
**1-year hardware warranty**



## EasyPRO Programmers

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