

SuperPro 7500

4 Gang Stand-Alone Universal IC Programmer

Overview



Meet the new standard in the universal programming industry. The ultra-powerful system engine allows to program either single or 4 chips simultaneously with equal ease. Convert the universal programmer into a 4 gang programmer just by inserting a 4-socket adapter. No need to buy an expensive gang programmer anymore and save thousands.

Application and target customers: Programming houses, electronic repair, car repair shops, forensic and data recovery companies, medical devices, requirement for larger device support.

Advantages

- Ultra-Fast Programming Speed** Our semiconductor manufacturer approved algorithms, precision and clean signals guarantee high programming yield.
- Customized 4 Gang** Adapters SuperPro 7500 can be used to program up to 4 chips at a time.
- Built-In 144 Pin Driver** SuperPro 7500 is equipped with a built-in universal 144 pin driver to accommodate large pin count devices. One universal adapter accommodates all devices with the same package type.
- Stand-Alone Mode** SuperPro 7500 is capable of operating in stand-alone mode. Under stand-alone mode, it can be operated by an inexperienced operator with minimal training.
- LAN Mode** On SuperPro 7500, remote controlling can be achieved using the LAN port. Using the LAN port, programmers can be connected to a local network and can be remotely controlled via any computer on the network.
- Tester for Logic Devices and SRAMs** SuperPro 7500 is also designed for IC testing of various devices such as TTL, CMOS Logic (74/4000 series), and SRAM memory devices.
- Technical Support** Xeltek is proud to offer same day support for technical inquiries.

SuperPro 7500 comes with

- Software CD
- AC Adapter
- USB Cable
- SD Card

Specifications

Devices Supported	EPROM, Paged EPROM, Parallel and Serial EEPROM, FPGA Configuration PROM, FLASH memory (NOR), BPROM, NVRAM, SPLD, CPLD, EPLD, Firmware HUB, Microcontroller, MCU	
Package Types Supported	DIP, SDIP, PLCC, JLCC, PGA, LGA, SOIC, SOJ, SOT, QFP, TQFP, PQFP, VQFP, MQFP, LQFP, TSOP, SOP, TSOPII, PSOP, SSOP, TSSOP, SON, EBGA, FBGA, FTBGA, VFBGA, µBGA, CSP, SCSP, QFN, HVQFN etc.	
PC Interface	USB 2.0, LAN	
PC Compatibility	Windows XP/Vista/7/8/10 (32/64 bit)	
Stand-alone Memory	SD Card	
Power Supply	AC Adapter: Input AC 100V- 240V; Output: 12V/1.5A	
Dimensions	Main unit: 184(L) x 160(W) x 78(H) mm	Package: 310(L) x 250(W) x 145(H) mm
Weight	Main unit: Weight 1.8 lbs (0.8 Kg)	Package: Weight 3.8 lbs (1.65Kg)



Advanced Software Features

SuperPro 7500 comes with a powerful and easy-to-use programming software. The biggest advantage is its simplicity so that any operator can operate the programmer with little or no training. SuperPro 7500 software is supported on Windows Vista, 7, 8, and 10.



Project Files The project file stores preparations before programming. Users could also restore and save work environment. The project file includes device type, buffer data, operation option settings, configuration bit setting and batch commands. Project files may be password protected to increase security and reliability when operated by untrained operators.



Auto Function The Auto function organizes different functions into a sequential group (erase, blank check, program, verify and protect). Functions are executed in sequential order similar to a batch command.



Production Mode Once a chip is inserted correctly, the programmer automatically starts batch command of erase, blank check, program and verify. Auto chip detection saves time and increases efficiency.



Production Statistics A log file could be used to save operation information before exiting the program. Log files can also be used to facilitate quality tracking.



Auto Recognition of File Types We support almost all kinds of known file formats including file formats with automatic recognition function: Binary, Intel (linear & segmented) Hex, Motorola S, Tektronix (linear & segmented), JEDEC, POF, etc.



Factory Mode This mode is designed for factory volume production. To prevent operation errors from destroying the chips and wrong data written to the chip, SuperPro 7500 will operate in the Auto function mode. The administrator can set a password to prevent unauthorized access to the system.



Auto Increment of Serial Numbers Auto-generation of electronic serial numbers is available on SuperPro 7500. This feature is implemented by setting [Auto Increment in Operation Option](#). Auto Increment allows users to add unique serial number into the device. After each successful programming, the software automatically changes the value by the specified increment mode.



Intellectual Property Protection Password settings available in both PC and stand-alone mode.