SuperPro 5004EGP
Economy Ultra-high-speed, 144 Pin Universal Gang Programmer
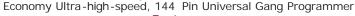### Features

The largest device support in the industry: Supports **54,456** IC devices from **185** manufacturers and continuing

Ultra-Fast Programming Speed: Programs and verifies 64 Mb NOR Flash memory in 11.3 seconds.

Concurrent & independent modules: 4 independent programming modules operating concurrently for high speed programming.

Built-in 144 universal pin drivers

CE and ROHS Compliant

Detailed Features

- Supports **54,456** IC devices from **185** manufacturers and continuing.
- Programs devices with Vcc as low as 1.2V.
- Ultra fast programming speed: Programs and verifies 64 Mb NOR FLASH memory in 11.3 seconds.
- Built with 144 universal pin-drivers for support of today's most complex devices.
- Universal and device independent socket adapters available for various package types up to 144 pins.
- 4 independent programming modules operating concurrently for high speed programming.
- USB2.0 interface to a PC for high speed programming.
- ISP/ICP programming capability through optional ISP/ICP adapter.
- Only IC manufacturer approved programming algorithms provide high reliability. Vcc verification at (+5%~-5%) and (10%~-10%) enhances programming reliability.
- Over-current and over-voltage protection for safety of the chip and programmer hardware.
- Compatible with Windows Vista and Windows XP x32/x64/ Windows 7
- Includes the following advanced and powerful software functions:
  - Chip operation starts immediately upon proper chip insertion in Production Mode.
  - Project function simplifies processes such as device selection, file loading, device configuration setting, program option, and batch file setting into one step.
  - Password protection provides security for project files and production volume control.
  - Batch command combines device operations like program, verify, security into a single command at any sequence.
  - Serial number generators are available as standard or customer-specific functions.
  - Log file provides production quality tracking.

Device Updates

- XELTEK updates software and device algorithm regularly.
- View the latest Device List.
- Updates are available by mail at a nominal charge.

Warranty Support

Standard 1 Year Warranty: Included with purchase of SuperPro 500E4GP. Covers device update and repair. Xeltek pays Fedex GND when shipping product back to customer for US only. It doesn't apply for international customers.

Programmer is warranted to be free of manufacturing or workmanship defects for one year from the date of purchase. For technical support, you may use ticketing system, live chat or forum; you may also give us a call during our business hours Monday through Friday, from 8:00am to 4:30pm (PST).

Hardware & Electrical Specifications

- Devices Supported: EPROM, Paged EPROM, Parallel and Serial EEPROM, FPGA Configuration PROM, FLASH memory (NOR & NAND), BPROM, NVRAM, SPLD, CPLD, EPLD, Firmware HUB, Microcontroller, MCU, Standard Logic
- Package: DIP, SDIP, PLCC, JLCC, SOIC, QFP, TQFP, PQFP, VQFP, TSOP, SOP, TSOPII, PSOP, TSSOP, SON, EBGA, FBGA, VFBGA, uBGA, CSP, SCSP
- PC interface: USB2.0 (High speed)
- Power supply: AC Adapter: Input AC 100V- 240V; Output: 12V/6A
- Main unit: Dimensions 438 * 216 * 94 mm ; Weight 9.5 Lbs (4.3 Kg)
- Package: Dimensions 550 * 252 * 145 mm; Weight 13 Lbs (5.9Kg)

Items Included

- SuperPro 5004EGP Programmer with a DIP48 Adapter
- AC adapter
- Software CD
- USB2.0 Cable
- User's Manual
- Registration Card

Optional Accessories:

- Adapter in various packages

Ultra -high speed universal gang programmer, built-in 144 universal pin drivers.