

# XELTEK

## SuperPro®6000

High-speed Universal Programmer.



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### Features:

- Supports **301 IC manufacturer, 85,000+ IC devices**. (Device support as of December 2012, check SuperPro6000 [device list](#) for current device support).
- **30% faster programming speed** compared to SuperPro5000 with **ARM9 MCU Processor**.
- Supports **eMMC / NAND files** up to **256 GB**.
- Improved **universal 144 pin-driver** technology provides a cleaner signal, wider voltage range and more accurate clock frequency.
- Two operating modes:
  1. **PC mode** via USB2.0 port and PC communication.
  2. **Stand-Alone mode (no PC required)**. Operates via built-in keyboard, LCD display and removable memory (standard Compact Flash card). Setup is flexible and simple to expand (**1-15 units**) for large volume production on the factory floor. Projects files (limited only by Compact Flash card capacity limit) are created online and downloaded into the Compact Flash card.
- **Cluster 1-15 units** for volume production.
- Supports devices with Vcc from 1.2V to 5V.
- **In-circuit programming** capability available via ISP/ICP adaptor.
- Only IC manufacturer approved programming algorithms are used for high reliability. (+5%~-5%) and (10%~-10%) Vcc verification enhances programming reliability.
- Powerful yet user-friendly software features streamline operations, improve efficiency and reduce user mistakes during programming procedures.

**Production mode** start chip operation upon proper chip is insertion.

**Project function** simplifies processes such as Device Selection, File Loading, Device Configuration Setting, Program Option, and Batch File Setting into one step.

**Password** can be set for project files for volume production control

**Batch** command combines device operations like Program, Verify, and Security into a single command at any sequence.

**Serial number generator** is available as standard or customer-specific functions.

**Log file** is useful for quality tracking.

- Overvoltage / overcurrent and ESD protection to avoid programmer damage.
- Supports Windows **XP / Vista / Win7 / Win8**.



**Price: \$2295**

### **Device Updates:**

- XELTEK updates software and device algorithm regularly.
- XELTEK adds devices upon customer's request. General algorithm upgrades completed within a week.

### **Warranty Support:**

- Programmer is warranted to be free of manufacturing or workmanship defects for two years from the date of purchase.
- Same day Phone/Email/Chat support.
- Large inventory allow same day shipping for majority of items.

### **Hardware & Electrical Specifications:**

- Supported devices include (but not limited to) EPROM, Paged EPROM, Parallel and Serial EEPROM, FPGA Configuration PROM, FLASH memory (NOR & NAND), BPROM, NVRAM, SPLD, CPLD, EPLD, Firmware HUB, Microcontroller, MCU.
- Packages supported (but not limited to) DIP, SDIP, PLCC, JLCC, SOIC, QFP, TQFP, PQFP, VQFP, TSOP, SOP, TSOPII, PSOP, TSSOP, SON, EBGA, FBGA, VFBGA, uBGA, CSP, SCSP.
- NAND Flash library supports dozens of major platforms such as Samsung (XSR1.0/1.6), QualComm, HYNIX (HIFFS), MTK (Solution V1.1), ICERA (v1.0/2.0), ST (7162, 7141, etc.), AMLOGIC (the IF2 / 0),

REALTEK PICOCHIP DataLight (Flash FX Pro), Marvell (310/303/920/935 ...), Broadcom, ZTE, Intel (CE4100), UBI, Leadcore LEADCORE The (L1809OG), MSATR.

- PC communication interface: USB2.0 (high speed).
- Memory storage: Compact Flash card.
- Electrical spec. of the AC adapter: AC input 90V to 250V, 50/60Hz, DC output 12V/2A; power:15W
- Programmer size: Size: 148 x 216 x 94 mm; Weight: 1.6Kg.
- Package size: 301 x 252 x 145 mm; Weight: 2.8 Kg.

### **Accessories:**

- Main unit with a DIP48 adaptor, AC adaptor, USB2.0 cable, user manual, software CD and registration card.
- Optional accessories: adaptor in varies packages, Compact Flash card for stand-alone operation.