XELTEK Corporation

1296 Kifer Rd. Suite # 605
Sunnyvale, CA 94086, U.S.A
Sales@Xeltek.com
(408)530-8080
www.Xeltek.com

Features:

- SuperPro 601S supports 31,100+ and SuperPro 600P supports 30,400+, IC devices from 200+ manufacturers and continuing.*
- Built-in ARM9 MCU processor. 30% faster programming speed than SuperPro501S / 500P.
- 48-pin universal pin-driver supports today's most complex devices.
- Operates in Stand-alone or PC hosted mode.
  - o Under PC hosted mode, a PC controls the programmer via a high-speed USB2.0 connection for chip programming.
  - o Under stand-alone mode, the programmer is controlled via a LCD display and keypad. A CF (compact flash) card stores the project files. In stand-alone mode, multiple units are constructed for concurrent multi-programming.
- ISP/ICP programming capability through optional ISP/ICP adapter.
- Vcc verification at (+5%~-5%) and (10%~-10%) enhances programming reliability.
- Provides over-current and over-voltage protection for safety of the chip and programmer hardware.
- Compatible with Windows XP / Vista / Win7 / Win8 32/64 bits.
- 300+ universal socket adapters available.
- Ideal for engineering or field service use.
- Includes advanced software functions:
  - o Chip operation starts immediately upon proper chip insertion in Production Mode.
  - o The Project function simplifies processes such as Device Selection, File Loading, Device Configuration, Program Option, and Batch File Setting into a single step.
  - o Password protection provides security for project files and production volume control.
  - o Serial number generators are available as standard or customized functions.
  - o Log file provides quality tracking.
- CE certified and ROHS Compliant

*Device count as of Dec. 11, 2012. Please check current device counts at www.Xeltek.com.

Features:

Device	Program + Verify (Sec)	Compare with SP3000U	Type
AT28C64B	0.8(P)+0.1(V)= 0.9(s)	1.2(P)+0.8(V)= 2.0(s)	64Kb EEPROM
24AA128	2.7(P)+1.8(V)= 4.5(s)	5.0(P)+4.0(V)= 9.0(s)	128Kb EEPROM
QB25F640S33B60	29.0(P)+14.4(V)= 43.4(s)	55.2(P)+41.4(V)= 96.6(s)	64Mb EEPROM
AT89C55WD	2.5(P)+0.4(V)= 2.9(s)	3.3(P)+1.0(V)= 4.3(s)	20KB FLASH MCU
S25FL064A	43.9(P)+14.7(V)= 58.6(s)	72.8(P)+41.4(V)= 114.2(s)	64Mb SPI EEPROM
PIC16F876A	10.1(P)+0.8(V)= 10.9(s)	22.1(P)+06.2(V)= 28.3(s)	
PIC18F442	5.1(P)+1.1(V)= 6.2(s)	13.6(P)+06.7(V)= 20.3	

Hardware & Electrical 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, 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)
- Stand-alone memory: Compact FLASH Card (Option, SP501S only)
- Power supply: AC Adapter: Input AC 90V- 250V, 50/60Hz; DC Output: 12V/2A; power 15W
- Main unit: Dimensions 80mm (L) * 57mm (W) * 30mm (h); Weight 1.35 lbs (0.6 kg) (SP501S)
- Main unit: Dimensions 70mm (L) * 52mm (W) * 15mm (h); Weight 0.85 lbs (0.4 kg) (SP500P)
- Package: Dimensions 130mm (L) * 110mm (W) * 50mm (H); Weight 4 lbs (1.8Kg) (SP501S)
- Package: Dimensions 150(L) * 120(W) * 30(H); Weight 3 lbs (1.4Kg) (SP500P)