



XELTEK SUPERPRO®

**THE BEST
PROGRAMMER
PROVIDER
IN THE WORLD**

SuperPro IS01 vs. Equinox PPM4

	SP IS01	Equinox PPM4 Programmer
Devices supported	5,043+ devices supported. XELTEK updates software and device algorithm regularly. User can download the current software version free of charge at Download Center . SuperPro IS01 comes with one year free device update request within warranty period	607 devices. It is a family specific device programmer which can program certain families of ICs. And Not all device families are free to program. For Atmel AT91SAM7 - ARM7 JTAG Device Library License is required which is priced at \$775.50 For 24xxx - Serial I2C EEPROM Memory license is required which is priced at \$775.50
Supported manufacturers	90	15
Programming Interface	I2C, SPI, CAN, UART, BDM, MW, JTAG, or any other serial port.	SPI, JTAG, I2C , SCI, BDM, PDI interfaces
Low Voltage Support	1.2V (It is Lowest in the industry).	1.8V
User Requested Device Update	Yes(1)	
Standalone Operation	Yes(2)	User has to purchase Standalone Project Upload Utility Upgrade priced at \$89.95
Calibration data and serial numbers	Inbuilt in the software	It is not free. It costs for \$329.9 production software upgrade+ script builder license upgrade requires \$412.45
Warranty support	2 years	1 Year
SD card slot	Yes, user can use up to 2GB flash cards to store multiple project files.	No, fix internal memory of 8 MB
Data Security	Data security is maintained by removing the SD card at the end of each operation from the programmer.	No
Multi Programming	In stand-alone production operation, units may be added as many as needed without being connected to a PC. 12 SPIS01 programmers can be connected to a PC for multiprogramming by using a USB hub. Soon to be released IS02 is a 9gang programmer with 8 serial ports and 1 parallel port. This provides for economical means of gang programming at low cost.	An RS-485 Converter is required to implement multi-channel programming on Equinox PPM4 ISP programmers. User needs to covert PC serial port signals (RS232) to RS485 in order to do multi programming
Programming Speed	Programming speed adjustable for complicated application environments brought by user target board, length of ISP cable etc	
Price	\$1,195.00	\$999.95 This is a basic cost only. When configured for production operation, cost may reach many thousands of dollars.

1. Xeltek updates new devices onto current programmers regularly and also upon customer request on SPIS01. Device update is free of charge during the warranty period of the programmer purchased. There is a 2 to 4 weeks round time to implement such requests.
2. Stand-alone operation:
 1. Repeat programming and verification is performed without a PC attached. The programmer is completely self-contained with add-on memory (option), keyboard, and LCD display for volume production operation.
 2. Does not require an operator who has to have knowledge of operating a PC thus saving on the cost of the operator.
 3. Saves cost of a PC.
 4. Data integrity is insured, as there is no chance that an operator may corrupt data in the PC.
 5. Data security is insured, as the plug-in compact flash card may be removed and stored away at end of each day.
 6. Seamless transition from engineering to production is ensured, as the project file is generated in engineering, downloaded onto a compact flash card and transferred to manufacturing.
 7. SD card needed for Stand-alone mode operation.