

Xeltek Universal SuperPro vs. Phyton ChipProg Programmers

Brands	Xeltek	Xeltek	Phyton	Phyton
Model	SuperPro501S	SuperPro5000E	ChipProg-40	ChipProg-48
Number of Devices Supported (*4)	37,700+	71,800+	34,253	43,838
Number of Manufacturers Supported	227+	280	104	117
Number of Pins Available (*5)	48	144	40	48
Stand-Alone (*1)	Yes	Yes	No	No
Programming Speed (*3)	Programming Speed	Programming Speed	NA	Programming Speed
ISP Header for In-circuit programming (*2)	Optional	Optional	Optional	Optional
PC Interface	USB 2.0	USB 2.0	USB 2.0	USB 2.0
Built-in Processor	ARM7 RISC MCU	ARM7 RISC MCU	NA	NA
Windows Support	Win XP/Vista/7 x32/64	Win XP/Vista/7 x32/64	Windows XP/7 32/64 bit	Windows XP/7 32/64 bit
RoHS & CE Compliance				
Warranty	2 Years	2 Years	NA	NA
Product Link	http://www.xeltek.com/Universal-Programmers/SuperPro-501S/	https://www.xeltek.com/Universal-Programmers/SuperPro-5000E/	http://www.phyton.com/htdocs/device_programmers/cp_40.shtml	http://www.elnec.com/products/universal-programmers/beeprog2/
Cost	\$899	\$1,495	\$990	\$1,190
Image				

(*1) Operation without a PC using a compact flash (CF) card, clustering ability for flexible volume programming up to 15+ units. See [Stand-Alone Graphic Illustrations.pdf](#).

(*2) In-system programming cable optional for serial programming.

(*3) Programming speed varies for different devices. Contact Xeltek for more accurate data.

(*4) Device count as of October 2012. Check the online Device List in the [Download Center](#) for the latest device count.

(*5)

- Xeltek SuperPro universal programmers are equipped with 144-pin universal pin drivers to accommodate large pin count devices.
- One universal adapter accommodates all devices with the same package type.
- High quality materials used to improve production reliability.
- Multiple bottom adapters cause inventory nightmare. Keeping track of adapter variations would cause delay in today's production environment.