Xeltek Universal SuperPro vs. BPM Microsystems Programmers

Brands	Xeltek	BP Micro	BP Micro
Model	**SuperPro 7000**	**2800**	**2800-MK2**
Number of Devices Supported (*1)	14,200+	15,000+	6,000+
No. of Sockets	1 - 60+	1-44	1-44
No. of Sites	1-15+	1-11	1-11
Operational Mode (*3)	PC (USB2.0)	PC (USB2.0)	PC (USB2.0)
	Stand-Alone (16 GB +)	Stand-Alone (Limited to 16 GB)	Stand-Alone (Limited to 16 GB)
	Local Area Network (LAN) Mode	No	No
Device Supported	EPROM, Paged EPROM, Parallel and Serial EEPROM, FPGA Configuration PROM, FLASH memory (NOR & NAND), BPROM, NVRAM, SPLD, CPLD, EPLD, Firmware HUB, Microcontroller (MCU)	Limited to Managed NAND, Flash memory, E/EPROM, MCU	Limited to Managed NAND, Flash memory, E/EPROM
Support High Density NAND Flash / eMMC	Yes	Yes	Yes
Memory	Removable SD card (16 GB+)	Fixed 16 GB+	Fixed 16 GB+
In-circuit Prog. Capability (*4)	Optional	No	No
Custom 4Gang Adapter (*5)	Optional	Optional	Optional
Windows Support	Up to Windows 8 (32/64 bit)	Windows 2000 and above.	Windows 2000 and above.
RoHS & CE Compliance	Both	CE	CE
Warranty (*2)	2 Years	1 Year	1 Year
Product Link	Datasheet	Datasheet	Datasheet
Cost	$2,495	$9,995	$5,995
Image			

(*1) Device count as of **February 2013**. See SuperPro7000 Device List from the <u>Download Center</u> for the latest device supported.

New devices are continuously added to SuperPro7000 until the device library reaches over SuperPro6000 device count. Since the firmware is designed from scratch, new algorithms are developed to support devices from the current SuperPro5000/6000 device library. However, **any device a user wants programmed could be added quickly**.

Device and manufacturer count for BPM Microsystems is based on BPM Microsystems <u>device list</u> as of February 2013.

(*2)

Standard Warranty: Included with the purchase of **SuperPro7000, SuperPro6000, SuperPro5000, SuperPro6004GP or SuperPro5004GP.**
- **Free** two-year warranty on hardware repair services.
- **Free** user requested device updates during initial (one) year of purchase.
- Xeltek covers FedEx Ground when shipping RMA items back to domestic (USA) addresses only.
- International customers are responsible for shipments both ways.
- Programmers are warranted to be free of manufacturing or workmanship defects for two years from the date of purchase.
- For more details, see http://www.xeltek.com/payment_warranty_shipping/ .

(*3) **PC mode** via USB2.0 port and PC communication.

Local Area Network (LAN) mode for access to LAN local or remote control. LAN is a computer network that interconnects computers in close proximity to each other such as in an office building, a home or a school; LAN is extremely useful for sharing resources like files and applications. SuperPro7000 contains a user-friendly interface to control the programmer under LAN mode. Setting up for the LAN mode is similar to that of current USB mode - an Ethernet cable is connected between SuperPro7000 and the network hub. See user manual for detailed instructions and illustrations.

a) One or more units may be controlled by an operator for gang / cluster operation for volume programming. (Optional)

b) One unit may be shared by multiple users in a lab environment. (Optional)

c) A unit on the factory floor may be controlled remotely.

Stand-Alone mode (no PC required). Xeltek SuperPro operates via a built-in keyboard, LCD display and removable memory (standard SD card). Setup is flexible and simple to expand (**1-15+ units**) for large volume production on the factory floor. Projects files (**limited only by SD card capacity limit**) are created online and downloaded into the SD card. **See Stand-Alone_Graphic_Illustrations.pdf**

BPM Microsystems 2800 and 2800-MK2 programmers have **fixed built-in memory and restrict file size over 16 GB**.

(*4) In-system programming cable optional for serial programming. Also see <u>SuperProIS01</u> for serial programming applications.

(*5) **EX** socket adapter series were developed specifically for SuperPro7000. EX socket adapters are flexible in transforming a single-socket Super7000 into a mini gang programmer. Customized 4-socket gang adapter + Programming algorithm (optional). Customized gang adapter transforms SuperPro7000 into a mini gang programmer. Extremely flexible for production applications, simply add SuperPro7000 units for project expansion. Not limited to fixed number of sockets.