Universal Programmer: SuperPro-6100N
with Stand-alone Feature
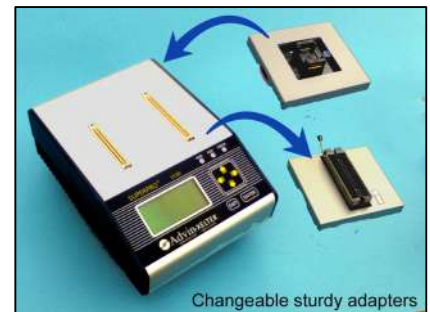Programs E/EPROM, Flash Memory, Micro, Logic, and other IC Chips.
(Supercedes and replaces SuperPro-6000E, SuperPro-6000)

Advin Systems Inc.

Reliable
Gold-plated socket.
Only from Advin

- State-of-the-art advanced hardware design
- Built with low-noise, high-yield electronic circuits that are demanded by today's high-speed high-density IC chips.
- Supports Windows XP, Vista, Windows 7, 8 and 10
- Free software download via internet at any time.
- Supports low voltage devices with Vcc as low as 1.2v.
- USB high-speed PC interface
- CE and RoHS compliant
- IC device types supported include:
FLASH memory, NAND Flash, EPROM, EEPROM, Serial EEPROM, NVRAM, PAL, GAL, PLD, CPLD, EPLD, PIC Micro, ARM Micro, etc.

5 Major Advantages of SuperPro-6100N

	Largest Device Library. Located in Silicon Valley, we have excellent access and relations with many major IC companies. This allows us to continuously support new devices. SuperPro 6100N currently supports more than 100,000 devices – the most in the programming industry.
	Ultra Fast Programming Speed. Typically, a 10X speed improvement is expected over older programmers -- especially for programming new high density memories. In a production setup, it means an 8 hour job is reduced to an hour. In R&D, you save valuable engineering time.
	Built-in 144 Pin-drivers. Most universal IC programmers have 48 pin-drivers or less. That means they may not be able to program deices with more than 48 pins, such as 56-pin TSOP memories, 64-pin TQFP micros, etc.
	Standalone Mode. Capable of running in standalone mode after project files have been setup and downloaded from computer to compact flash cards. This allows your operators to use the programmer by pushing a few buttons and without connection to the PC at all.
	Production Mode. After you have inserted an IC chip into the programming socket, the programmer senses its presence and starts the auto cycle (bank check, program, verify, etc.). When done, the LED lights and you can replace the chip with a new one. All without touching the computer.

Changeable sturdy adapters

Changeable sturdy adapters

Inside view:
Stacks of pin drivers   www.advin.com
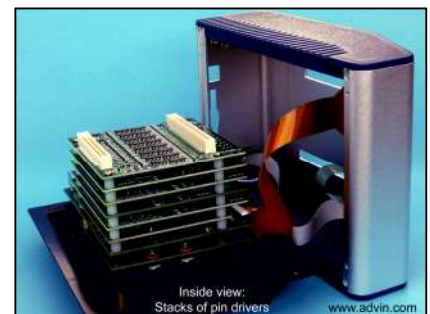
Durable, compact pin-drivers inside the programmer

More details and video at
www.advin.com/6100.htm

Supports DIP packages on standard equipment and all kinds of
surface-mount devices (SMDs) with high quality factory-made optional adapters,

DIP   PLCC   SOIC   TSOP   TSSOP   PSOP   DFN   QFN   TQFP   QFP   BGA   PGA

Typical view of SMD programmer adapters:

Availability of sturdy factory-made reliable adapters eliminate your risk of using third-party un-tested adapters.
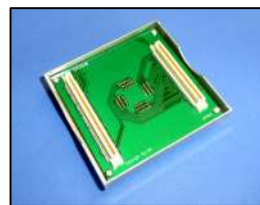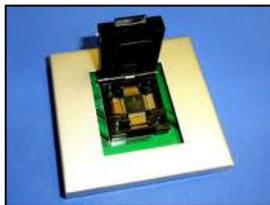
EASY-TO-USE SOFTWARE
- Supports XP, Windows 7, 8, 10.
- User-friendly GUI
- These can be done with just a few clicks:
  - ◆ Read data from a master chip into the data buffer
  - ◆ Save the data to a file
  - ◆ Program a new chip with this data
  - ◆ Erase a used EE chip before program it
  - ◆ Secure the chip so that others cannot copy it
  - ◆ Load data from a file instead of from a master chip
  - ◆ Display the data buffer and allow you to edit it
  - ◆ Search the data buffer for a certain pattern
  - ◆ Do an AUTO sequence such as [Erase, Program, Verify and Secure] with just one click
  - ◆ And many more …
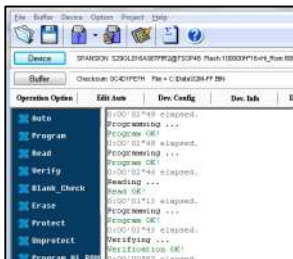
ADVANCED SOFTWARE FEATURES
Advanced functions allow you to do things that would be impossible to do with lower level programmers or competing products. These include::
- The Project function allows you to store settings such as IC chip manufacturer, chip selection, data file name, device configuration, programming options, etc., into different project files.
- Data splits: 1-to-2, or 1-to-4, for both byte-wide and word-wide chips.
- Byte swap: for Intel or Motorola byte arrangements
- Optionally do write-protection on selected sectors
- Optionally do read-protection on selected blocks
- Do specific device configurations for Microchip PIC and other micros
- Setup counters so that your operator can easily keep track of how many chips have been programmed.

IC CHIP DEVICE SUPPORT
- IC manufacturers supported: 350+
- Numer if IC parts supported: 100,000+
- Chip Packages Supported on Standard Equipment: DIP, SDIP.
- IPackages Supported with Optional SMD Adapters: PLCC, CLCC, SOIC, LAP, DFN, QFN, QFP, TQFP, LQFP, PQFP, TSOP, SOP, SSOP, PSOP, TSSOP, SON, BGA, EBGA, FBGA, VFBGA, µBGA, etc.
- Device support updates: Free of charge from our website.

HARDWARE & ELECTRICAL
- PC interface: High speed USB 2.0
- AC power supply: Input 100V-240V AC, 50/60 HZ. Output 12VDC, 2 Amp.
- Programmer physical size: 8.5" x 5.8" x 4.75" high (216mm x 149mm x 120mm)
- Net weight (programmer unit, AC power supply and USB cable): 4.25 Lbs.
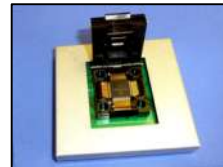- Gross shipping weight: 10 Lbs.

Included Items
- Programmer unit with 48-pin Gold-plated DIP ZIF socket adapter
- AC power supply
- Durable storage and carry case
- USB Cable
- Software CD
- User's Guide as a file on CD

Optional Items
- SMD adapters for SMD packages
- Compact flash card for stand-alone operation

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