

EPROM Programmers

What is an EPROM Programmer?

An EPROM Programmer is a device that technicians or engineers can use to Read, Check, and Program ("Burn") EPROMs.

What is an EPROM?

The word EPROM stands for Erasable Programmable Read Only Memory. An EPROM is erased by exposing the circuitry to Ultra Violet Light through the window on the top of the IC (Integrated Circuit) chip. Once erased the IC can be reprogrammed using a Programmer.

An EPROM is used to store information, that information can be any arbitrary data such as a Program or an Information Library.

What is a Device Programmer?

A Device Programmer does everything an EPROM Programmer does plus it can Read, check, and Program EEPROMs (Electrically Erasable Programmable Read Only Memory), & Microcontrollers. (Microcontrollers can be encrypted so they can not be read or duplicated.)

What is a Universal Device Programmer?

A Universal Device Programmer can be used as a Device Programmer with the ability to test and identify TTL and CMOS family ICs. TTL and CMOS ICs are non-programmable chips that are commonly used in conjunction with programmable ICs.

Who Would Use a Programmer?

Anyone that Tests, Repairs, or Programs any electronic device that uses a memory IC (embedded code). The market for this type of equipment has grown at a large rate over the past year and continues to grow. The more you know about these units the easier it will be to sell to potential customers.

What Are Modules and Adapters?

Some of our models use Modules to extend the capabilities of the programmer. A Module is an edge card that is inserted into the programmer. An adapter is used to allow a customer to use an IC that is in a package other than a DIP (Dual In-line Package). When a customer is using a PLCC (Plastic Leaded Chip Carrier), SOIC (Small Outline IC), or TSOP (Thin Small Outline Package) a B&K adapter is required.

What Are Some Typical Applications?

Any company, technician, or hobbyist who designs, repairs, or services: ATMs, Vending Machines, Change Machines, Smart Appliances, Test and Measurement Equipment, & Automotive Circuitry. Currently there is a big market for Service Technicians who work on Change Machines and Vending Machines because of the new style of twenty dollars bills. Machines currently don't recognize these new bills, so a Technician can get an updated program from the machine manufacturer and reprogram the machine's ICs so they will recognize the new bills. (In the year 2000 the Federal Reserve will release a new version of the Ten and Five dollar notes, a new One dollar bill soon there after. This should increase the demand for Device Programmers.)

Where Can I Get More Information About Your Programmers?

You can get more information from our web site www.bkprecision.com or you can call B&K's Technical Support Department at 714-921-9095.

B&K Precision currently offers different Programmers to fit the majority of customers needs.