



The **LEAPER-10** provides advanced, universal device programming support at an affordable price. The **LEAPER-10** support varied-package devices in the market by its 42-pin socket and the optional full range adaptors.

The **LEAPER-10** integrates powerful hardware and software to perform high quality. It can verified and test a controlled impedance environment from the programmer I/O, V_{pp} , Gnd, and power source.

The most attraction of the **LEAPER-10** is following 4T products policy, i.e. Light, Thin, Short, Tiny. Concerning the concept of environmental protection, the **LEAPER-10** avoids unnecessary over-package. **LEAP** is doing her responsibility for the earth.

The **LEAPER-10** owns polyglot function. No matter what kind of language you would like to operate you may amend by yourself.

In addition, the **LEAPER-10** supplies the batch function with the project file of the text mode. The project file can be edited with any text editor to modify some working conditions, such as the setting the device type and parameters, and the processing procedure.

Features

- *Small, light, portable and professional design, usable with batteries
- *Convenient and efficient printer port connection to any IBM compatible PC, Notebook

- *Support more than 66 manufactures of semiconductors and can expand functions and devices by floppy disk
- *System is upgradeable by adding additional module
- *Support disassembler function for MCS-48, MCS-51, PIC-16C5X, PIC16C6X, PIC16C7X, PIC16C8X, PIC17C4X, Z8
- *Support Macro key function, able to record selected device in to memory and recall by press a key.

Standard Accessories

- *main unit
- *25-pin printer connect cable
- *DC 12V/2A power adaptor
- *driver software disk
- *operation manual

Option

- *full range adaptors

Physica& Environmental Specifications

- *Dimension: 16cm x 11cm x 4.5cm
- *Weight: 0.5kgs
- *Temperature: +5C to +45C
- *Humidity: to 90% noncondensing
- *Altitude: to 5000m

EMC standards

- (per 89/336/EEC)
- | | |
|-----------------|-----------|
| EN50081-1 | EN50082-1 |
| EN55022 Class B | IEC801-2 |
| EN60555-2 | IEC801-3 |
| EN60555-3 | IEC801-4 |

Supported Devices

- *EPROM: 24 to 42-pin 8/16 bits EPROM and OTP ROM
- *EEPROM: 24 to 32-pin EEPROM series
- *EPROM: Atmel 5V flash EPROM
- *Flash EPROM: 28 to 32-pin 12V or 5V flash EPROM
- *Nonvolatile RAM series
- *Serial EEPROM: 93Cxx; E24Cxx family EEPROM
- *MCS-48: MCS-41 and MCS-48 family
- *MCS-51: MCS-44 and MCS-51 family
- *Z-8: SGS, ZILOG
- *PIC; Microchip PIC 16Cxx, 17Cxx, 12Cxx family
- *68xxx family: Motorola 68705xx, 68HC705C8, 68HC711xx family (adaptor)
- *Motorola 67HC705C8 family (adaptor)
- *Bipolar PROM: AMD, Fujitsu, MMI, NS, Signetics, TI...
- *PLD, PAL, EPLD, EEPLD, FPL, GAL, PEEL, CPL, CMOS PAL: AMD, ATME, Cypress, HYUNDAI, ICT; GOULD, Lattice
- *TTL/CMOS: 54/74 family and 40/45 family
- *DRIVE: 75 family and 2003....
- *RAM: Static RAM and Dynamic RAM family (function test)
- *Dynamic RAM module series (30-pin SIP/SIMM package adaptor)
- *I/O Chip: PIA, PIO, PPI, PIC...