

# SU-3000 USER'S MANUAL

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## 1 .Introduction

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The SU-3000 is another revolutionized LEAP's product which is not only "stand-alone", "stable" and "speedy" but also modular designed. As soon as simply changing the "Cartridge modules" you can have all sorts of special IC programming systems.

The SU-3000 offers two modes of operation. For operation in a stand-alone environment, you can use the SU-3000 smart and easy-operation keypad and 20×4 LCD character display.Or, for greater flexibility and control our complete programming operation, the SU-3000 can be driven under both Windows 3.1/95/98/ME

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## 2 . The Features

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1. Supports gang/set programming for E/EPROMs, Flash, Gal,and Microcontrollers....etc, just simply change the Cartridge modular.
2. Includes software for the PC, an easy-to-use Windows .
3. Includes console keyboard for use without a PC host.
4. Complies with TUV ISO-9000 production requirements and with EN55022 class A emission requirements.
5. Support of the "green" low-voltage devices.
6. DC parameter test.
7. Convenient pseudorandom test for functional simulation for necessary Cartridge module.

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### 3 . Functional Specifications

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- User RAM:4MB
- Keyboard:18-key keypad
- Display:20×4 LCD character display
- Output / Input: Parallel port (printer port)
- Control Mode: Local mode
- Transmitted formats: INTEL HEX, MOTOROLA HEX, SIGNETICS HEX, ASCII HEX, BINARY,...etc.

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### 4 . Standard Accessories

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One SU-3000 main unit with any one Cartridge module; please indicate the Cartridge module type when you order.

- Software disk
- User's manual
- Data cable
- Power cable

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### 5 . Optional Accessories

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- Cartridge modules

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### 6. Electrical Requirements

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- Operation Voltage:90VAC to 240VAC
- Frequency Range:47 to 63Hz
- Power Consumption:65W maximum



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## 7. Physical & Environmental Specifications

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- Main unit Dimensions:39x22.6x10.9cm
- Main unit Weight:3.3 kgs
- Cartridge Module Weight:26.5x17.2x2cm
- Cartridge Module Weight:1 kgs
- Temperature: +5 °C to + 45°C
- Humidity: to 90% noncondensing
- Altitude: to 5000m

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## 8. OEMC Standard (stand for 89/336/EEC)

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EN55022 Class A

EN50082-1 IEC801-3

IEC801-2 IEC801-4

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## 9. OHardware Installation

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- (1) Generally Installation
1. Please insure SU-3000 in the switch off condition.
  2. Connect one head of the power cable to power socket, the other head plug into the SU-3000.
  3. If you want to connect with PC, please use the data cable. Connect with the printer port and the connected point of the SU-3000.
  4. Connect Cartridge module (please refer to Cartridge Module Installation).
  5. Turn it on.
- (2) Cartridge module Installation
1. Please insure that the switch is at 0(OFF) on the SU-3000.
  2. Place the connector which is on the bottom of the Cartridge module onto the top of SU-3000 and then push tightly.
  3. Check if the Cartridge module and SU-3000 have been connected tightly.
- (3) Dismantle the Cartridge Module
1. Turn off the SU-3000.
  2. There is one handle at the left hand back side respectively, hold them by using your both hands.
  3. First, put the left hand on the keyboard of main unit, second put your right hand on the cartridge handle and then pull it up disconnect the Cartridge module from SU-3000.
  4. Store the module carefully.