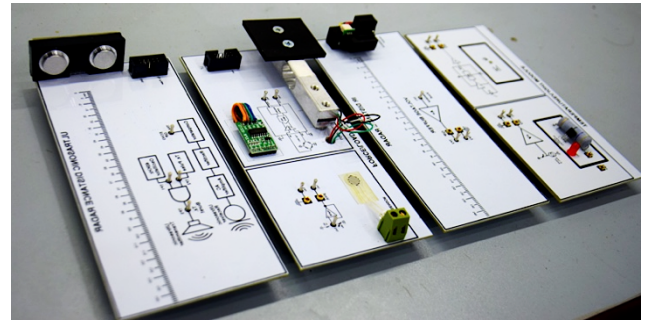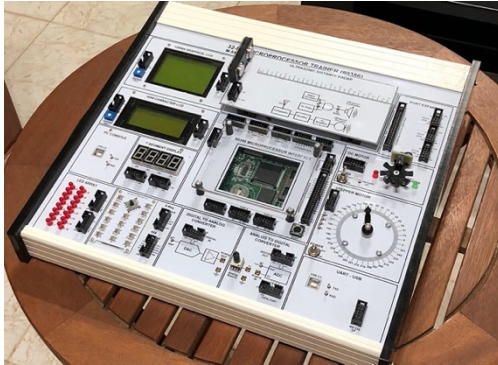## 32-Bit Microprocessor Trainer (80386) with applications (EDC-M-530)

DESCRIPTION:

32 Bit Microprocessor Trainer is 32-bit Microprocessor Training System is based on the Intel 386Ex microcomputer. The i386EX is a high performance, 32-bit, single-chip microcomputer that is software compatible with the Intel 80386 family of microprocessors. DOS compatibility allows development in a familiar environment with a wide range of tools. The application can then be tested through the console serial port. Borland C compiler IDE enables environment for east development of programs/applications. PC software is provided with the training system to upload programs and to execute the programs on the training system.

TECHNICAL DATA:

MOTHERBOARD:

- 25Mhz Intel 386Ex Processor
- XDOS (PC DOS 3.3 Compatible) 415K Flash
- 34 Digital I/O lines
- 1 RS-232 Port with USB UART interface
- PC Console Port for program uploading / execution
- 3 PC Compatible Counter/Timer Channels
- Watchdog Timer
- Programmable Hardware Clock Generator
- Selected PC BIOS Functions
- Full Address/Data Expansion Bus

TECHNICAL DATA:

- **EXTERNAL I/O INTERFACE:**
  - 16X4 Character LCD
  - 4X 7-Segment Displays
  - 8-Bit Monitor LEDs
  - 4X4 Matrix Keypad with 5-way joystick
  - 8 bit A/D converter
  - 8 bit D/A Converter.
  - 8 bit Dip-Switches.

- **ACCESSORIES:**
  - Power Cord,
  - 2mm Patch Cords,
  - IDC
  - Connector Cable
  - Software CD
  - USB Cable.

- **APPLICATION MODULES (OPTIONAL):**

- 8-Channel 12-Bit A/D Board
- 4-Channel 12-Bit D/A Board
- 16X8 Dot Matrix LED Display Board
- 8-Channel Relay Control Board
- 128X64 Graphical LCD.
- Stepper Motor.
- DC Motor
- R/C Servo Motor.
- IR Distance Module
- Ultra-sonic Distance Module
- Force/Load Cell Module
- Temperature/Light Sensor Module

DIMENSIONS AND WEIGHT:

L x W x H (mm): 350 x 350 x 100

Weight: 2.5kg