



Digital / Microcontroller Technology

PIC Microcontroller Training System

Universal Training Platform for PIC Microcontroller Programming and Applications

Key Features

- Supports various PIC controllers (e.g. 16F84A, 16F876A)
- Programming in **Assembler** with just 35 instructions
- **RS 232 communication** with optional **USB interface**
- External socket for easy PIC replacement
- **PWM output** supported (with suitable controllers)
- Ideal for PAL experiments and technical training institutes

Integrated Applications

- **Adjustable DC Generator**
- **LED Display** and **7-Segment Display**
- **Spring-Loaded Switches**
- **2-Line LCD Display**
- **Dot Matrix Display (5x7)**
- **Analog Measuring Instrument**
- **Temperature Sensor (-50 °C to +150 °C)**
- **DC Motor with Rotation Speed Measurement Option**

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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Technical Specifications

- **Power Input:** 110–240 V AC, 50–60 Hz, 10 VA
- **Power Output:** 5 V / 100 mA (for external devices)
- **Connections:** 2 mm or 4 mm jacks
- **Front Panel:** 5 mm thick laminate (blue)
- **Rear Cover:** Grey angled plastic
- **Dimensions:** 266 x 297 x 125 mm
- **Weight:** Approx. 2.2 kg

Software & Accessories

- **Included Software:**
 - Assembler & Editor software
 - Download and communication tools
 - Example programs for built-in applications
- **Included Accessories:**
 - Serial interface cable (2 m, 9-pin SUB-D)
- **Required:**
 - PC with RS 232 interface (Windows 98 or later)
- **Optional:**
 - USB interface module for communication
 - Reflective sensor for motor speed measurement

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