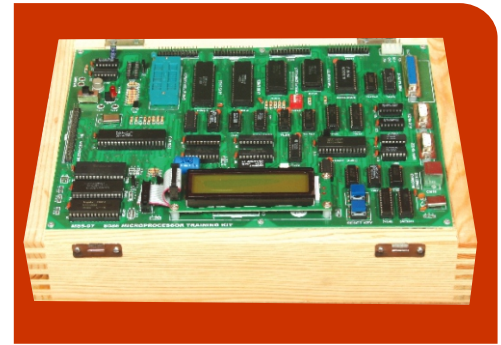


# 8085 Microprocessor Trainer Kits

## Technical Specification

- 8085A CPU @ 3 MHz
- 16 K powerful monitors FIRMWARE expandable to 32K
- 64 K users RAM with battery backup using 3.6V Ni-Cad battery.
- Expanded RAM accessible using bank switching technique
- Write protect facility for RAM.
- Versatile Keyboard/Display controller using 8279 24 highly reliable dual function keys, 6 digit seven segment LED display.
- 48 parallel I/O lines available through two 8255 chips.
- Serial I/O through 82C51A-2 USART, with on-board level shifters 1488, 1489. Programmable communication parameters.
- Built-in audio cassette interface.
- 3 channels of 16 bit timer/counters from 8253.
- Powerful 8085 interrupt capabilities.
- On-board EPROM programmer with ZIP socket for programming 2716 to 27512 EPROM's and various EPROM's.
- Normal and intelligent programming modes.
- On board ADC, DAC, opto-isolator, reed relay and miniature speaker.
- Onboard logic probe.
- Single stepping, break pointing and machine cycle single stepping facility.
- Monitor functions can be called through software interrupts.
- Large collection of application software provided.
- All address, data and control and hardware interrupt lines are brought out on a 50 pin FRC connector for system interfacing and expansion.
- External Power Supply +5v 3Amp, +12v 1Amp, -12v 0.5Amp.
- Supplied in attractive wooden enclosure.



All The Technology You need

ISO 9001:2008  
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