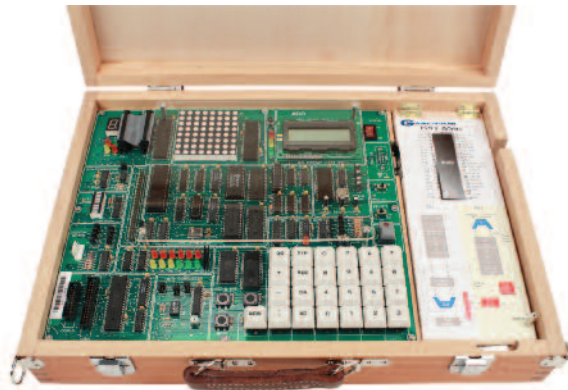# Microprocessor Trainer
GST-8086

Microprocessor Trainer

Global Specialties Model GST-8086 is a robust microprocessor trainer designed to teach students the fundamentals of microcomputers, from basic CPU instructions to practical applications. The GST-8086 will guide students through the basic concepts of microcomputer programming and into hardware interfaces such as I/O, interrupts and data transfers. Experiments involving more complicated arithmetic operations, such as binary-to-decimal conversions, decimal-to-binary conversions, multiplication and division are also presented. Students will learn the use GST-8086's serial monitor allowing them to progress to more complicated 8086-based programs.

The trainer is designed for use with Microsoft Windows and includes hardware, software, computer interface cable and experiments.

Features:

■ Program download and trace function
■ PC Program Debugging function
■ Display to register contents
■ Single step function
■ Register contents display
■ LED display of current system bus status
■ Various command functions
■ ROM writer function
■ D.C. motor control
■ STEP motor interface
■ Speaker interface

Specifications — model

GST-8086	
PROCESSOR CHARACTERISTICS	
CPU	Intel 8086, 16-bit microprocessor
ROM	64K Bytes
SRAM	64K Bytes
A/D Converter	ADC0804
D/A Converter	DAC0800
Data & Function Entry	25-key multi-function keypad (16 hex digits & 8 function keys)
Display	16-2 Line LCD
Power Supply	+5 V @ 3 A, +/- 12 V @ 0.5 A
Input Voltage	110/220 VAC
GENERAL	
Enclosure	Durable wood portable case
Weight	10.6 lbs
Dimensions	(W x D x H) 12" x 18" x 3"

One Year Warranty