

# Test Instrument Module



## Model 4050

Cramped classrooms, high equipment costs, and test equipment theft are some of the problems facing today's electronics teachers and instructors. The Nida Model 4050 Test Instrument Module is designed to resolve those problems by incorporating the most frequently used electronics test equipment into one unique digital test equipment package. The Model 4050 is a digital multimeter, dual channel oscilloscope, frequency counter, and function generator all in one. Using the student computer for control and display, the Model 4050 provides signals and accurately measures electronic values in real circuits.

The Model 4050 requires a fraction of the space of individual components and costs significantly less than test gear individually priced. The 2" high base unit fits conveniently under a computer monitor, interfacing through the computer's USB port. Because the Model 4050 requires a computer software program to function, removal of the base unit will render the system completely useless, thus deterring theft. The Model 4050 comes with CAI lessons on equipment usage, experimentation techniques, and all necessary cables and test leads. The Nida Model 4050 Test Instrument Module: affordable digital test equipment for today's high tech digital classroom.

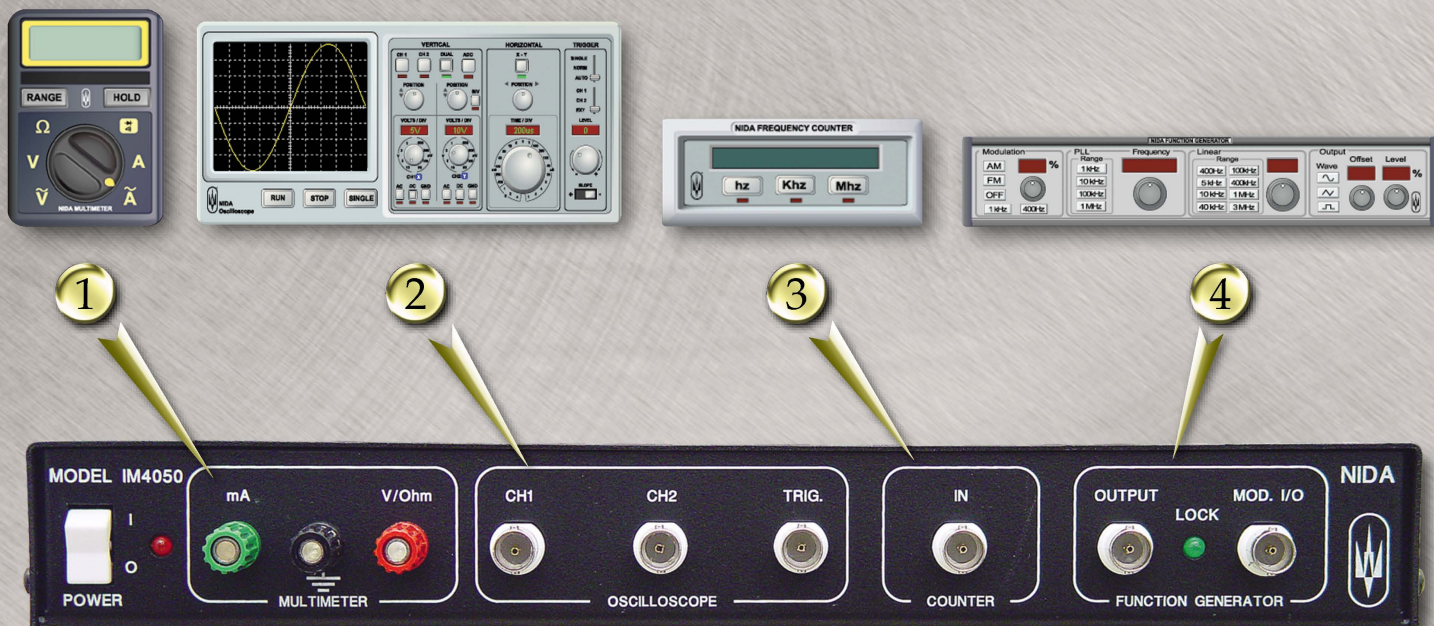


# Nida Model 4050



Nida Corporation

Hardware Series



## Features

**1. Basic Digital Multimeter** - with the capability of measuring voltage, current, and resistance.

**2. Dual Channel Oscilloscope** - with all the basic capabilities such as DC Voltage Level, AC Voltage (Peak to Peak and Peak), Pulse Width, Frequency, Duration, Period, Pulse Repetitive Rate, and Phase.

**3. Frequency Counter** - to obtain test signal information from frequency in hertz, period in seconds, the ratio of two inputs, the sum of two or more inputs, and/or an average frequency.

**4. Function Generator** - to distribute test and reference signals. Functions include Frequency, Waveform, Voltage, DC Offset, and Modulation.

## Specifications

**AC Power:** External AC Adapter 120 or 220 VAC Input 30 VAC Output®

**Communications:** USB

**Dimensions:** 2"H x 8 ½ "D x 12 ¼"W  
(5.08cm H x 21.59cm D x 31.12cm W)

**Weight:** 3.2 lbs (1.5 kg)

Nida Corporation

300 S. John Rodes Blvd. • Melbourne, FL 32904 USA

Tel: (800) 327-6432 • Fax: (321) 727-2655 • Web: [www.nida.com](http://www.nida.com)