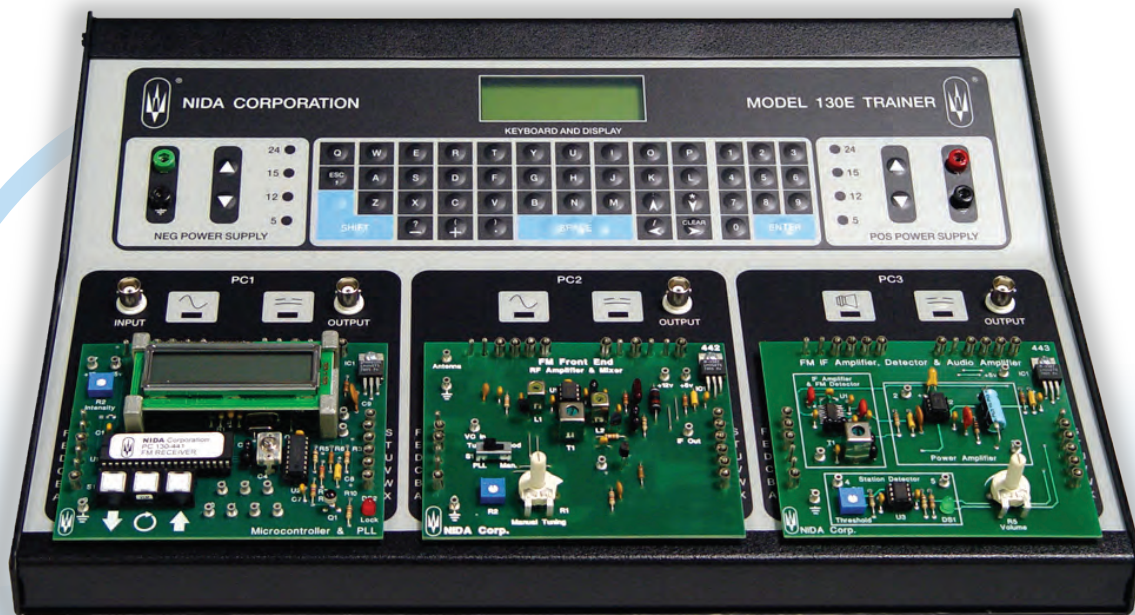


Nida Corporation

P R E S E N T S

130E Test Console



The **Nida Model 130E Test Console** is truly the workhorse of the Nida line of technical trainers. Designed to accommodate a variety of Nida experiment cards, the Model 130E console is used to support a multitude of subject areas from core electronics to advanced telecommunications. Three PC positions allow students to learn input, process, and output concepts as they experiment and troubleshoot real circuitry. The Model 130E test console is capable of supporting computer based instruction, traditional text based learning, and remote learning environments.

Interfaced with Nida CAI, the Model 130E becomes almost transparent to the student as the CAI provides automated power supply adjustments, fault insertion, fault clearing, and process monitoring. In the stand-alone mode, power and faults are manually inserted. No matter how you use the Model 130E, the console provides continuous safety monitoring, interrupting the experiment in the event of shorts, misuse, or current overload. Once implemented into your classroom, the Model 130E Test Console will quickly become the workhorse of your electronics training program.

Skills-based Electronic trainers built for the working class

Nida 130E Test Console



Features

- ▲ Three PC Positions - Supports 1, 2, or 3 circuit cards for individual board or system experiments and troubleshooting. Unique connection design ensures clean contacts with every card application
- ▲ DC Outputs - Positive & negative DC power outputs for measurement or powering external devices
- ▲ Multifunction Keyboard - Allows for the manual insertion and clearing of faults as well as selection of trainer control settings and modes of operation
- ▲ LCD Display - Displays trainer power settings, circuit fault codes, and trainer performance
- ▲ Digital Power Supply - Selectable voltages
- ▲ Input & Output Connections - Provides externally generated signals to experiment cards to provide signals to an external device
- ▲ Chassis - Rugged all-metal construction for long service life

Specifications

Primary Power:

115 VAC (0.6A max) or 220 VAC (0.3A max)
50/60 Hz switched controlled & primary fuse protection

DC Power Sources:

0 to -24 volts DC
with selectable voltages & current up to 1 ampere.
0 to +24 volts DC
with selectable voltages & current up to 1 ampere.
DC power supply meter ranging from 0 to 25 volts.

AC Power Sources:

Dual 12 VAC at 1 ampere maximum

Communications Link:

Serial or USB computer interface

Display:

20 x 4 backlit liquid crystal display (LCD)

Operating Temperature:

50 to 105 degrees Fahrenheit ambient
10 to 40 degrees Celsius ambient

Dimensions:

4½"H x 11½"D x 17½"W
(11.43cm H x 29.21cm D x 44.45cm W)

Weight:

11 lbs. (5 kg)

Construction:

Precision formed & powder coated metal chassis



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FOR ADDITIONAL INFORMATION:



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