



NIDA SPECIFICATIONS



NIDA MODEL 130ST CONSOLE

General Description

The Nida Model 130ST Console functions as the primary platform for electronic experiments performed using Computer Assisted Instruction (CAI), Text Based Curriculum (TBC) or ACT connectivity. The Model 130ST is a current limited power supply designed specifically for use with all Model 130 Series printed circuit experiment boards. Discrete voltages activate the experiment cards, allowing students to align, calibrate, and troubleshoot operational electronic circuits using standard laboratory test equipment.



Features

- Fully automatic operation in CAI mode through student computer USB or serial port.
- Supports automatic, manual, remote, and multiple fault insertion.
- Built-in and auxiliary connections allow signal input/transfer between card positions.
- Color touch screen for manual operation mode.
- Automatic alarm sounds if malfunction is detected and display panel indicates symptom.
- 3.5mm headphone jack for audio output.
- The 7-inch display shows selected mode, input signals, and trainer status.
- Self-cleaning contacts to ensure a proper connection with each experiment card installation.
- Wifi and Bluetooth available if required.*

Specifications

Primary Power:

110-130 VAC 60Hz (0.6A max) or 220-240 VAC 50/60Hz (0.3A max), switched controlled & primary fuse protection.

DC Power Sources:

0 to -15 volts DC with selectable voltages and current up to 1 ampere.
0 to +24 volts DC with selectable voltages and current up to 1 ampere.
DC power supply meter ranging from 0 to 25 volts.

AC Power Sources:

Dual 12 VAC at .83A each.

Communications Link: Serial or USB computer interface.

Display: 7" Full color touch screen

Operating Temperature:

50 to 104 degrees Fahrenheit ambient
10 to 40 degrees Celsius ambient.

Dimensions: 17.3"W (44cm) 12.6"D (32cm) 4.7"H (12cm)

Weight: 11 lbs. (5 kg)

Construction: Formed aluminum base, matte finish overlay with touch screen.

Manufactured: In the USA.

*Not included

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