

Test Console

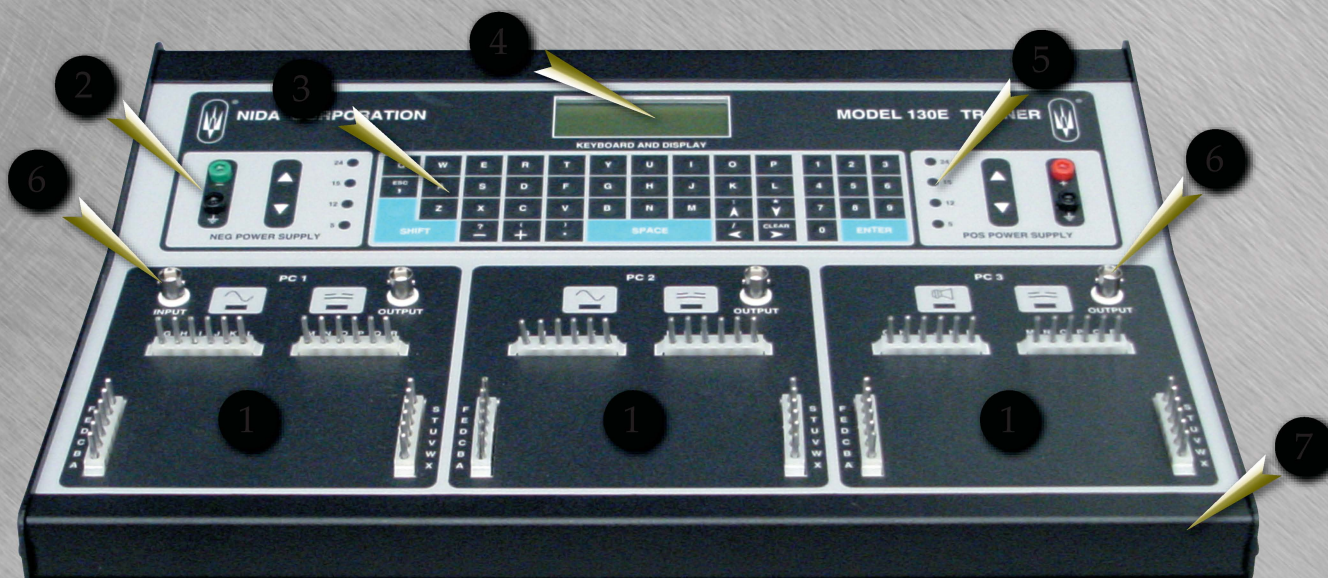


Model 130E

The E & L-Nida Model 130E Test Console is truly the workhorse of the E & L-Nida line of technical trainers. Designed to accommodate a variety of E & L-Nida experiment cards, the Model 130E console is used to support a multitude of subject areas from core electronics to advanced telecommunications. Three PCB 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 E & L-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.

E & L-Nida Model 130E



E & L-Nida

Hardware Series

Features

1. Three PCB 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.

2. DC Outputs - Positive and negative DC power outputs for measurement or powering external devices.

3. Multifunction Keyboard - Allows for the manual insertion and clearing of faults as well as selection of trainer control settings and modes of operation.

4. LCD Display - Displays trainer power settings, circuit fault codes, and trainer performance.

5. Digital Power Supply - Selectable voltages.

6. Input & Output Connections - Provides externally generated signals to experiment cards or provides signals to an external device.

7. Chassis - Rugged all-metal construction for long service life.

Specifications

Primary Power: 220 VAC (0.3A max) or 115 VAC (0.6A max), 50/60 Hz switch controlled & primary fuse protection.

DC Power Sources: 0 to -24 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 1 ampere maximum.

Communications Link: Serial or USB computer interface.

Display: 20x4 backlit liquid crystal display (LCD).

Operating Temperature: 10 degrees to 40 degrees Celsius ambient.

Dimensions: 11.4cm H x 29.2cm D x 44.5cm W

Weight: 5 kg

Construction: Sheet metal covered by flat panel matte finish.

E & L-NIDA

Aerial Road, Llay, WREXHAM, LL12 0TU, UK.

Tel : 01978 853920

Fax : 01978 854564

info@eandl-nida.com

www.eandl-nida.com

Cristiani SRL - Tecnologie e soluzioni per la Scuola
Viale Allea 39

27049 STRADELLA (PV) - Italy

Tel : 0385 42975, 42192

cristiani@cristianisrl.it

Fax : 0385 240077

www.cristianisrl.it