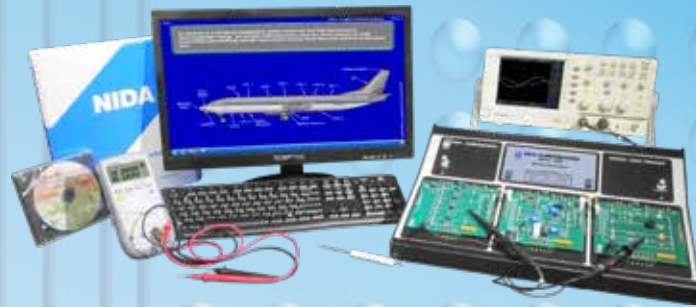# Nida Corporation

Model 130ST

The Model 130ST Trainer is the most versatile part-task trainer ever developed by Nida Corporation. This trainer supports all existing Nida legacy experiment cards and all new "Fast Track" experiment cards. The "ST" designator in the trainer's name represents an array of Smart Technologies that include Wi-Fi, Bluetooth, system monitoring, self-tests, and user feedback. The "ST" also refers to the intuitive, interactive and versatile relationship between Student and Teacher. The four-way communication between lesson, student, teacher, and trainer is a uniquely Nida interaction.

The Model 130ST Trainer is designed for use with many training environments including, traditional computer based training supported by desktop computer systems; flexible delivery supported by a student tablet interface; Nida online eLearning; and stand-alone lab manual instruction. Regardless of instructional method, the Model 130ST Trainer manages voltages, current, and fault conditions used during investigative and troubleshooting experiments. All experimentation is focused towards live, hands-on use of real test equipment.

Smart Technology and Fast Track Experiment Cards

Nida Model 130ST Trainer

Fast Track Experiment Cards

The Fast Track Technician course is supported by a new group of experiment cards designed to focus specifically on getting a technician to the job as quickly as possible. The Fast Track Experiment cards are system oriented and emphasize schematic reading and test equipment analysis. The new cards take full advantage of the larger experiment card foot print offered by the Model 130ST and incorporate the interactive feedback between the card, lesson, and student.

Smart Technology

In a world filled with an "Internet of Things" (IoT) the Model 130ST is designed with capabilities that support desktops, laptops, smartphones, and tablets. With Wi-Fi and Bluetooth available, this trainer will support technologies now and well into the future. In addition to IoT, this console supports stand-alone manual operation and computer managed clustering.

Legacy Experiment Cards

All Nida legacy experiment cards are functional on the Model 130ST.

Specifications

Display: The Model 130ST uses a 7" capacitive-touch color screen for visual outputs and manual inputs. In CAI mode the display shows voltage outputs and lesson generated information. Icons alert for speaker and input/output BNC jack applications as required by CAI lessons.

Card Feedback: Auxiliary pins at each card location provide feedback to identify proper configuration of the circuit card or confirmation of actual measurements.

Dimensions: 4 ½"H x 11 ½"D x 17 ½"W (114 mm x 292 mm x 444.5 mm)

Weight: 10 lbs. (4.5kg)

Construction: Formed aluminum base, matte finished overlay. Manufactured in the United States.

Communication Link: Serial or USB computer interface.

AC Power: Dual 12 VAC

DC Power: +3.3, +5.0, +12.0, +15.0, +24.0 VDC @ 1A and -5.0, -12.0, -15.0 VDC @ 300 mA.