

Analog Temperature Control PLC Application Panel



Model: 464-400

DAC Worldwide's Analog Temperature Control PLC Application Panel (464-400) allows learners to program a PLC to create a temperature control scheme similar what's used on an oven. The Analog Temperature Control PLC Application Panel can be used with DAC Worldwide PLC training systems ([#461-000](#) or [#464E](#)) or with outside PLC systems with analog input and output capabilities.

The Analog Temperature Control PLC Training Panel is self-contained and includes a stylized working system replicating an industrial oven, as well as all applicable input and output devices for operation. Connections to a related PLC trainer are made using banana-jack patch-cord connections.

The PLC training system includes: a heater and heatsink, type-J thermocouples with related transmitters, a digital thermometer, and a fan. Primary components and AC electrical devices are mounted within a steel enclosure, but can be seen through an acrylic viewing window. Connections for component features are located on the front panel face.

The 19-inch panel and its related enclosure mount on standard 19-inch rack systems or on related DAC support structures.

FEATURES & SPECIFICATIONS

- 1/8-inch aluminum panel face with powder-coating and silk-screened graphics
- 16-gauge enclosure

- High-durability, powder coated surfaces allowing for repeated use and rough handling
- Controlled via PLC instructions from a related DAC PLC trainer or user-supplied equipment
- Primary mechanical and heat treated components are mounted within a steel enclosure
- Provision for mounting on DAC 945 and 950 mounting frames or 19-inch rack assemblies provided by others

UTILITIES

- 115V/60Hz/1ph electrical

PRODUCT DIMENSIONS **DISCLAIMER:** *Product Dimensions are approximate. Shipping Dimensions and Weights are for directional use only and may change based on manufacturer variables. For the most accurate Shipping Dimensions and Weights, please contact the manufacturer.*

- 19-in. L x 8.75-in. W x 8-in. H (480 x 220 x 200 mm)
- 20 lbs. (9 kg)

OPTIONS

- #945 Bench Top Panel Rack

REQUIRED

- [#461-000 Basic PLC Trainer](#), customer-supplied PLC (1 DO, 2 AI, 2 AO) , or [#464E Extended PLC System](#)
- #461-002 Analog Expansion Card

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