



OVEN TEMPERATURE MODULE

Integrating seamlessly with our Test Documentation System (TDS), our Oven Temperature Module provides a simple tool for automatically recording thermal data.

The Oven Temperature Module records temperature data for electromechanical parts in burn-out and bake ovens. Each module offers multiple thermocouple channels that are accessed anywhere on your company network, by a computer running our accompanying Oven Module Software. This application provides a graphical display of each temperature measurement and records this data to a local or network drive.

The Jenkins TDS Oven Module can be used as a stand-alone system, or be added to the TDS Software that ships with our Motor Test Systems. When added to a Motor Test System TDS, burn-out and bake oven data is combined with motor test data, providing job data storage and reporting all in one place.



TDS OVEN MODULE SPECIFICATIONS

INPUTS

Channel Count 4, 8 or 16 per module
Thermocouples J, K, T, E, N, B, R, S

CONNECTIVITY

Ethernet 10 /100 Mbps
Wifi 802.11 B/G

POWER REQUIREMENTS

AC: 85 - 264 Volts 30 Watts
45 - 65 HZ

PHYSICAL CHARACTERISTICS

Dimensions 14 1/8" H x 12 3/8" W x 6" D
Weight 7 lbs.
IP Rating 65



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OVEN TEMPERATURE MODULE FEATURES

CONNECTIVITY

An ethernet- and WiFi-based system allows for the distribution of modules throughout the facility, while control and data logging functionally is conducted from one central location, saving both space and budget.

SCALABILITY

Data logging can be performed from multiple modules simultaneously, so measurement can be made from each and every oven. A mix of 4-, 8- and 16-channel modules can be used on the same system, so the appropriate module can be selected for each location. New modules can be added to the system at any time, allowing for maximum flexibility.

DURABILITY

Each module is housed in a waterproof polycarbonate enclosure to provide protection from harsh or outdoor environments. Longer wear can also be experienced with optional armor-clad thermocouple probes, which can stand up to abusive industrial environments.

ADAPTABILITY

Each module can be independently configured to a specific thermocouple type, so the correct measurement can be selected for each oven location.

USABILITY

Our simple and intuitive controls allow for easy operation, requiring minimal training. We've designed our Oven Temperature Module with ease of use in mind—numeric and graphical data displays provide multi-channel temperature data at-a-glance.

