

PS105 CONTROL SYSTEM

GENERAL INFORMATION

The MELLEN Model PS105 is a solid-state relay temperature control system. Also known as the Power Cube, this control system is designed for the minimum size footprint with a stainless steel casing. It includes the following major components:

1. A customer-specified digital temperature controller
2. A furnace specific number of solid-state relays with appropriate voltage and current ratings.
3. A circuit breaker with appropriate voltage and amperage ratings to permit connection to customers main power source.
4. MELLEN Control Cabinet to house all control system components.
5. All necessary wiring, terminal boards, interconnections, etc to create a completely operational system.

The PS105 comes with an integrated over temperature alarm. The integrated over temperature alarm uses the alarm in the controller itself to trigger the over temperature.



CUSTOMIZATION

The temperature control system can be customized through many different devices. If there are any additional requirements you may have for your assembly that are not on this list, please let MELLEN know and we will do our best to meet your requirements. Any of the following products are available for the temperature control system:

1. Any number of thermocouples is available for a wide temperature range.
2. Transformers are available to raise or lower AC voltages.
3. A rack mounted cabinet option is available to mount the control system at a specific position in the lab.

SERIES	PS105
TYPE	Temperature Control System

As always, if this product does not meet your requirements, please contact us. Mellen will work with you personally to create a product that best suits your needs every time.

Prices are valid until 2018.

