

PCT² Series

Dehumidifying Dryer

Benefits:

- Stable process temperature and dewpoint throughout the entire drying cycle
- Process temperature/resin temperature from the throat of the drying hopper $\pm 2^{\circ}\text{F}$ degrees of setpoint
- Dry air dew point to -100°F resulting in faster resin drying time
- Closed loop dryer design eliminates the need to dry cycle even after extended machine shutdown
- FOCUSpro touch screen control
- Gas, electric or dual fuel configurations
- 300 cfm - 5,000 cfm units available
- Drying temperature range 120°F - 375°F
- Data logging of key drying process parameters
- Minimal moving parts for easy maintenance



PCT² series dehumidifying dryers utilize PCT technology and are designed to be both energy efficient as well as conserve floor space. A closed loop drying system, insulated desiccant beds and material saver features deliver more drying efficiency per unit of power than any other comparable dryer on the market today.

The PCT² maintains a stable material temperature and low dewpoint throughout the drying cycle to -100°F dewpoint. The optional hopper throat vent adapter delivers desiccated air to the lowest section of the drying hopper. PCT technology delivers a stable process temperature with resin temperature exiting the throat of the hopper at $\pm 2^{\circ}\text{F}$.

A quick start-up and stable process results in unsurpassed energy and production efficiency. The PCT series dryers are the industry's best performing, most reliable high capacity dryer available today. With a throughput range of 300 - 5,000 PPH, the PCT² has a built-in cooling coil, with a processing temperatures range of 120°F - 375°F .

Laser cut, high temperature air valves and high quality components. Minimal moving parts, self diagnostics and easy access to all components improves longevity of high wear components and eliminates their maintenance. In addition many other standard features of the PCT² make this dryer one of the easiest systems to use and maintain.

PCT - Pulse Cooling Technology

For over 50 years Una-Dyn continues to be a leader in delivering the most innovative drying technology to the plastic processing industry.

PCT technology results in remarkably accurate and stable material and process dewpoint temperature setpoint throughout the drying cycle. Being energy efficient is more important now than ever before. Una-Dyn's design maintains the simplicity of the dual bed design incorporating minimal moving parts.

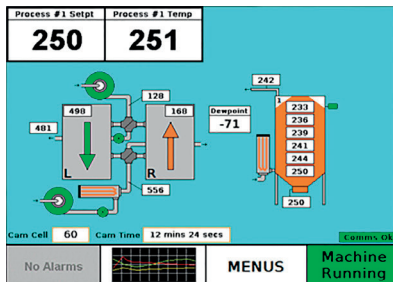
Many additional mechanical and control features of PCT minimizes energy consumption, and brings to market one of the most energy efficient stable and high performing drying systems available today.

Benefits:

- Gas or electric process & regeneration heaters
- Precision laser cut high temperature valves
- Insulated desiccant towers
- Minimal moving parts
- FOCUSpro touch screen control
- Universal or Easy Flow solid cone drying hoppers with superior mass flow capability
- Precision cut hopper doors

CONTROLS:

FOCUSpro Touch Screen



The FOCUSpro control is standard on the PCT2 series. FOCUSpro is an enhancement of the FOCUS controller – adding even more capabilities. In addition to the FOCUS controller's capabilities, FOCUSpro

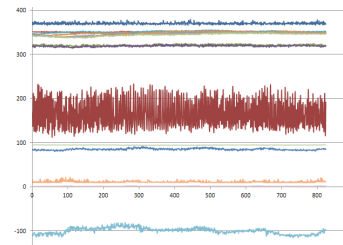
has proportional analog capabilities. Two proportional analog outputs allow it to control a gas-fired process heater and a process blower VFD. Two proportional analog inputs allow for process airflow and an analog hopper-level monitor. An optional, plug-on, dual-VCL controller allows any FOCUSpro dryer to also support conveying operations on two material chambers – no separate loader controller required.

OPTIONAL CONTROL:

FOCUSmax touch screen control.

If reliability, simplicity, and performance are what you're looking for, call Una-Dyn today at **701.490.7000**.

Datalogging



The Datalogger is an events recorder that is designed to monitor the critical functions of a twin-tower dehumidifier. It automatically logs key operational parameters. Recorded data is obtained

by means of uniform sampling and time/date stamped. Sample rate is adjustable from 2 seconds to 2 minutes for a maximum sample of 6 days. The Datalogger communicates over separate data paths and records key parameters making it transparent and non-invasive. The Datalogger transfers all pertinent information without interfering with operation or SPI communications.