

## CK1160-2X > Pneumatic Outputs

If you are tired of tearing your gas capillary kiln controller off the wall (and out of your kiln!) every couple years for repair, you are ready for a CK1160-2X! The CK1160-2X was designed as a direct replacement for old gas capillary kiln controllers: It provides pneumatic actuation of your heat, vent and spray valves via readings from front and back Dry Bulb sensors and a back Wet Bulb sensor, and provides a 7-day circular chart of the conditions inside the kiln (when optional chart recorder is added, not shown here).

The CK1160-2X is PCSI's 'standard' kiln controller which is based on our Electrical Kiln Controller, we have built and installed dozens of these units over the years (check out our customer list!).

Since they are a direct upgrade to the Irvington Moore gas capillary controller, the same exact kiln controller can work on a large number of existing kilns with minimal upgrade effort (here at PCSI, Dennis and

I have the retrofit down to about three man-hours. Typically, the CK1160-2X can re-use the existing power connection, the only additional wiring needing run is a single conductor from the reversing starter to switch RTD's from front to back and the RTD cable itself (one 'pull' to each RTD sensor).

What Else Should I Know?

There is something in here that you maybe have never thought of: SETPOINT RAMPING. When you use setpoint ramping, your Dry Bulb will increase at the rate you set: if you set the rate at 1.0°F per hour, and then increase the setpoint 10 degrees, the controller will smoothly raise the Dry Bulb 10°F degrees over a period of 10 hours, 1°F per hour. Furthermore, you can ramp Wet Bulb right along side the Dry Bulb, improving drying while easing the load on your boiler.

Plus you have a choice of Wet Bulb or RH transmitter.

And you can add computer control with remote access now or in the future.

[Click here](#) for current pricing.