



SC2-BD

**China Painting Decals Enameling Glass Bead Annealing Glass Fusing Lost Wax Casting Low-Fire
Ceramics Silver Clay**

Product Videos

- [Watch & Listen to D001 Sentry Xpress Ramp-Hold Demonstration \(7 min\)](#)

Features

Paragon SC-2 Silver & Glass Kiln with Bead Door

“I have traveled with my SC-2 for 11 years. I sometimes have to use welding gloves to put the warm kiln on a cart, take it outside, load it in the car, and wrap it in a wool blanket.

“I have traveled out of state with my SC-2 repeatedly. Fired it over and over again in class, burned up all manner of skewers, toothpicks, cork clay and more. The kiln can take it! While I'm sure the kiln wouldn't mind an easier life, it's doing fine.” –Elaine Luther of River Forest, Illinois, USA

The heat of the kiln is magical and offers wonderful surprises. Stained glass, enamels, and ceramic glazes undergo a complete transformation in the kiln. Opening a kiln to view your treasures is a festive moment that you will never outgrow. Artists have said, "Woohooo! Opening a kiln is a celebration!"

The digital SC-2 kiln fires silver clay, decals, china paint, enameling, and glass in minutes up to 2000°F. The SC-2 is popular with seminar teachers because it fires fast, plugs into a standard 120 volt household outlet, ships by UPS, and is easy to sell.

We have just redesigned the kiln for improved heat distribution. The new design has two separate heating elements in the left and right sides of the firing chamber. The back of the chamber has no element. Extensive testing shows that the heat distribution in the new SC-2 is more even throughout the firing chamber, because heat does not build up in the back of the kiln.

The SC-2 has been in production since 1997. It is a proven design that we have steadily refined every year. Thousands of artists in the U.S., Canada, Europe, and Japan love their SC-2.

The SC-2, for a digital kiln, is surprisingly affordable. It fires automatically at the rate and temperature you enter. A large, brightly lit display prompts for firing rate, temperature and hold time. Use the hold feature to automatically soak any type of clay silver to its recommended time.

The 6 1/2" wide bead door includes a brushed stainless steel mandrel holder. The high-tech ceramic fiber firing chamber is wrapped in a steel inner case. The outer steel case remains cool due to the layer of air between it and the inner case. In addition, the case is slotted for air circulation. Electrical components, located in the base, stay cool even at extended hold times.

The fast-firing element is embedded in the firing chamber shell. The SC-2 heats from the sides and back. Each SC-2 includes a 1/4" thick ceramic fiber shelf.

SC-2 Features

- 6 1/2"-wide bead door with brushed stainless steel mandrel holder
- Improved heat distribution
- On/off safety switch
- Built-in base; no extra stand needed
- Door opens 180 degrees
- The case is slotted for air circulation
- Electrical components in the base stay cool even at extended hold times
- The embedded element heats from the two sides and back
- Top vent complete with tapered plug for lost wax casting
- Includes a 1/4" thick ceramic fiber shelf
- Optional SC-2 glass view port

The reliable Sentry Xpress 3-key controller is packed with features. It includes two modes: Single Speed and 8-segment Ramp-Hold.

Features of the Sentry Xpress 3-key Controller on Non-Ceramic Paragon Kilns

- Design programs with up to 8 segments (steps) in Ramp-Hold mode.
- Fire to a single temperature at a single speed in the simplified Single Speed mode.
- Ramp-Hold mode can store 4 programs.
- Skip a segment in Ramp-Hold during firing without having to stop the kiln to reprogram.
- Change the target temperature in Ramp-Hold during firing without having to stop the kiln to reprogram.
- Hold (soak) the temperature in both Single Speed and Ramp-Hold. Experiment with Hold to improve color saturation of china paints.
- Add Hold Time during firing without having to stop the kiln to reprogram.
- Control both heating and cooling in Ramp-Hold.
- Program Review lets you check the program you are about to fire.
- Program the Temperature Alarm to sound when the kiln reaches a specific temperature. Use this to remind yourself to check on the kiln.
- Temperature display throughout firing and cooling in your choice of °F or °C

- Thermocouple Offset adjusts the thermocouple readout.
- Set the Delay to turn on the kiln later to suit your schedule.
- Error Messages report mechanical problems such as a disconnected thermocouple, stuck relay or broken element.
- 12 Month Warranty
- LED Lights show whether you are in program, review, or firing mode.
- Colorful, illustrated instruction manual. Download it from the “Additional Information” section below to review these features in more detail.

The SC-2 can ship by UPS. Enjoy lower shipping cost and faster service. Specially designed cartons and foam padding assure that the kiln will arrive safely.

Specifications

Max. Temperature	2000F 1093C	Sides	4
Amps	12	Chamber Volume	0.21 CU.FT. 5.95 litres
Phase	1	Chamber Width	8.00 203 mm
Watts	1440	Chamber Depth	7.75 197 mm
Nema	5-15P	Chamber Height	5.75 146 mm
Breaker Size	15	Outer Size	13.25W x 14.00D x 15.50H Inches 337W x 356D x 394H mm
Circuit Wire Size	14 gauge	Ship Size	21.50W x 18.75D x 16.50H Inches 546W x 476D x 419H mm
Certified to CSA & UL Std 499	Y	Ship Weight	36.00 Lbs. 16.33 Kg.
CE	Y	Ship Method	This Kiln Ships Via UPS
Control Type	Sentry Digital 3- key Glass Control		
Voltage	120		
Hertz	60		