

# Corona Lab, Glass & Heat Treating Furnace

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## FEATURES

**Temperature Rating:** 1100°C, 2012°F

**Loading:** Front loading with horizontal plug door hinged on left. Spring-loaded latch.

**Window:** Quartz window is 2-1/2" (6.4 cm) wide by x 1" (2.5 cm) high. Centered in door.

**Vent:** .5" (1.3 cm) vent hole in top.

**Construction:** Base with control is integrated into the kiln. Powder-coated precision sheet metal. All controls and components are mounted in a control panel that slides into the ventilated case assembly. An air space keeps controls cool. The control box can be easily removed for servicing. An On/Off switch and control fuse are included. Rubber feet are included.

**Insulation:** 1-1/2" (3.8 cm) molded ceramic fiber with a 3/4" (1.9 cm) air space between the case and the insulation module. Door has an insulating plug that insets into the muffle opening for an excellent door seal.

**Elements:** Two elements, one on each side. Elements are molded into the machined ceramic fiber insulation module.

**Control:** Orton Autofire Express with 12 Custom Programs each with 8 segments. Each program has 8 segments with a ramp, soak and set point for each segment. Also five PMC (Precious Metal Clay) programs, 3 ACS (Art Clay) programs.

**Thermocouple:** Type K 14 gauge located in the center back.

**Warranty:** One year limited warranty.

## SPECIFICATIONS

**Model Number:** CN868

**Heat up time with no load:** 15 minutes to 1600°F. 30 minutes to 1900°F.

**Inside Dimensions:** 7-3/4" (19.7 cm) wide by 8-1/4" (20.9 cm) deep by 5-3/4" (14.6 cm) high

**Outside Dimensions:** 13" (33 cm) Wide by 14" (35.6 cm) Deep by 14-3/4" (37.5 cm) High

**Shipping Dimensions:** 16" (40.6 cm) Wide by 16" (40.6 cm) Deep by 19" (48.3 cm) High

**Kiln Weight:** 30 lbs (13.6 Kg)

**Shipping Weight:** 35 lbs (15.9 Kg)

**Electrical Specifications:** 12 amps, 120 volts, 1440 watts (alternate 6 amps, 240 volts, 1440 watts with various plugs available).

**Standard Power Cord/Plug:** Included 6 foot cord with a 15 amp 5-15P plug



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L&L Kiln's patented hard ceramic element holders protect your kiln.

Bulletin No: Spec-CN-10-14