

## BEFORE YOU BEGIN WITH CREATION CP

Full instructions for Creation CP Press Ceramic are provided in PDF electronic format on our website, [www.jensenindustries.com](http://www.jensenindustries.com). Print copies are available with certain kit purchases. Please review these documents for more detailed information about Creation CP.

### INSTRUCTIONS AND SUGGESTIONS:

- Calibrate your pressing furnace. The pressing programs provided below assume you begin with a calibrated furnace.
- **Creation CP is intended to be used to fabricate all-ceramic, single unit restorations.** It can be used to make crowns, inlays and onlays.
  - **DO NOT** use Creation CP for bridges.
  - **DO NOT** press Creation CP to metal.
- CP can be pressed to full contour and stained/glazed to finish. You can also press a cut-back wax-up in CP, and overlay with dentins, enamels, and translucents from the Creation CC or Creation LF kits.
- **Waxing & Spruing:**
  - Minimum thickness of wax for pressing is 0.8mm. If the layering technique is to be used, 2/3 of the anatomical form should be press ceramic, i.e. do not apply a layer of overlay porcelain greater than 1/3 of the total thickness.
  - Use wax sprues 3 to 3.5 mm diameter and 5 to 6 mm long to connect wax patterns to the crucible former. Sprue so that margins are at the same horizontal plane for all units in the ring.
  - **DO NOT** constrict the sprues at the coping or pattern.
  - Maintain a minimum distance of 3mm between patterns.
  - Sprues should be angled 35 to 45 degrees from the long axis (pressing direction) of the ring. Angle crown and coping patterns such that the margins are pointing in the direction of the pressing force.
- **Weigh the Wax:**
  - One pellet will fill a maximum of 0.6 grams of wax
  - Two pellets will fill a maximum of 1.4 grams of wax
- **Investing:**
  - Use CP silicone rings or similar press ceramic ring formers to ensure that the base of the investment is flat and perpendicular to the axis of the ring.

• **Preheating:**

- Burnout according to the investment manufacturer's procedures.
- Burnout temperature should be between 850°C and 870°C.
- **DO NOT** preheat the ceramic pellets
- **DO NOT** preheat disposable plungers
- **DO** preheat reusable aluminum oxide plungers

**RECOMMENDED PRESSING PROCEDURE:**

**General Use:**

Start Temperature = 700°C

Heat Rate = 60°C/min

Final Temperature = 1050°C

Hold Time = 20 minutes

**Zubler Vario Press 300 Pressing Furnace:**

Program #90 – CREA CP

Program Type: I-PRESS Modus

Maximum Press Time: 10 minutes

Extra Press Time: 0 minutes

Pressure: LOW

Vacuum Level: 710mm Hg

**Ivoclar EP-500 Pressing Furnace:**

N (Press Time) = 2 minutes

V1 (vac start) = 500°C

V2 (vac stop) = 1050°C

Air Pressure = 4.5 to 5.0 BAR (63 to 73 psi)

**Whip-Mix/Intratech ProPress 100:**

Pressing Time = 10 minutes

Vacuum Level = 100%

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