



#0590 & #0591

STANDARD AIR PRESSURE WAX INJECTOR INSTRUCTION



ONLINE SHOP
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24HR SERVICE
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SPECIFICATION

Specs	0590	0591
Power Source	120VAC / 7A / 60Hz	240VAC / 3.5A / 50Hz
Temp. Range	30 ~ 110°C (86 ~ 230°F)	
Wax Pot Dimensions	5½" Dia.x6½" Deep (140mmx165mm)	
Wax Pot Capacity	6 lbs (2.75 kgs)	
Overall Size	12¾" Dia.x17½" High (315mmx445mm)	
N.W.	23 lbs (10.4 kgs)	
G.W.	25 lbs (11.5 kgs)	



PARTS NAME



SET-UP & OPERATION:

- Secure wax injector to bench utilizing bolts or screws through three **base screw holes (9)**.
- Connect air source to pot with flexible rubber hose connected to **air inlet (3)**. If tight seal is not made, add a hose clamp to avoid leakage.
- Remove **cover lid (4)** by releasing **2 hold down nuts (10)** and turning **lid (4)** ¼ turn to right (**Clockwise**).
- Wipe out inside of pot to remove any dust and be certain **drain cock (15)** is closed.
- With **the temperature control knob (8)** set on low and **the toggle switch (6)** in "OFF" position, put 3 ~ 6 lbs. of wax in pot.
- Plug **power line cord (14)** into electric outlet.
- Turn **switch (6)** to "ON" and set **temperature control knob (8)** to "80", **the indicator light(7)** will lit.
- Make sure **air pressure control valve (2)** is closed before supplying compressed air (turn counter-clockwise to close, turn clockwise to open) (**DO NOT USE OXYGEN**).
- Wait 40-60 mins, check if the wax in pot is fully liquidized, if not, please continue to wait and let it melt.

- 10 Be sure the wax is fully liquidized (**DO NOT ALLOW TO SMOKE**), replace pot cover **lid (4)** first and make sure the rubber seal is in its proper groove. **TIGHTEN HOLD DOWN NUTS (10) SECURELY.**
- 11 Then turn **temperature knob (8)** to “1” in between “70” and “80” , wait about 10 minutes.
- 12 Open **air pressure control valve (2)** slowly until **air pressure indicator gauge (1)** indicates desired pressure. Excess pressure can be released by pulling **air pressure release valve (11)**. Pressure setting is achieved by opening or closing **air pressure control valve (2)**. Most rubber molds inject best at between 6 and 8 PSI air pressure.
- 13 Aim the rubber mold sprue hole to the machine nozzle, press gently to start shooting wax. The wax injection timing is determined from mold size and thickness.

CAUTIONS :

- ★ Use right amount of wax beads to minimize melting time, do not fill wax beads more than 80% of the tank size.
- ★ Be sure to turn off air compressor after use, pull **safety release valve (11)** to release air in tank.
- ★ If need to check the wax pot temperature, insert thermometer into **thermometer well (12)** for precision reading.