



AIR PRESSURE WAX INJECTOR

For Injection of Wax into Rubber Molds and Metal Molds

No. 22.747 - 110V

No. 22.747X - 220V

No. 22.748 - 110V

No. 22.748X - 220V

OPERATING INSTRUCTIONS



OPERATING INSTRUCTIONS FOR AIR PRESSURE WAX INJECTOR

1. Remove top cover plate by loosening two black knobs located on top of aluminum cover.
2. Put in approximately 1 - 2 pounds of wax and replace cover, tightening the knobs evenly.
3. Connect the air line from your compressor to the input nozzle, located to the right of the regulator assembly. A hose clamp should be used to prevent any leaks.
4. Plug the unit into a standard, grounded 110v outlet. (if you have a 220v unit, you would need a 220v outlet.) turn unit on using the ON/OFF toggle switch located on the units body.
5. Put a stainless steel thermometer into the wax chamber through the hole in the cover. Adjust thermostat on the side of the unit to normal operating temperature approximately 160°F/71°C. The Temperature on the thermometer should approximately be equal to that of the dial setting. If the set temperature differs with that of the thermometer by 15° or more the thermostat should be readjusted.

The air pressure required will vary from 4-5 psi for simple and heavy designs to 9-12 psi for thin and complicated designs. Air pressure is adjusted by turning the regulator knob counter clockwise to decrease pressure and clockwise to increase pressure, after the desired pressure is obtained the regulator can be locked by pushing the regulator knob inward towards regulator body. By locking the regulator at desired pressure it offers hours of operation with out having to constantly readjust regulator.

The air pressure wax injector has a safety air escape valve (located to the left of the regulator assembly) which automatically releases excessive pressure from pot. There is also a spigot on the side of the pot which enables you to drain the pot of molten wax whenever.

ONLY OPERATE DRAIN SPIGOT WHEN THE WAX INJECTOR IS HOT.

PRECAUTIONS

Rejected patterns may be reused. Melt and pour through layers of fine cloth to remove all impurities. For best results however, use at least 50% fresh wax each time when refilling the pot.

As with all electrical equipment, certain precautions should be taken when operating your wax injector:

- Keep work area clean and well light.
- Avoid dangerous work environments - do not use in damp or wet locations, or near chemicals and or corrosives. NEVER SUBSTITUTE OXYGEN INSTEAD OF COMPRESSED AIR FOR THE OPERATION OF THE WAX INJECTOR.

The Manufacturer reserves the right to void any and all warranties which may apply to the purchase of a new unit, against intentional misuse, or any modification to the unit which is not factory authorized.

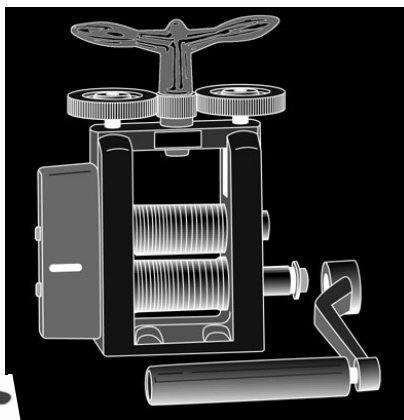
THERMOSTAT ADJUSTMENT PROCEDURE

Remove the white temperature dial by pulling it straight off of the unit. Turn the slotted head screw located within the thermostats shaft way until the light goes on and off at the desired temperature. Replace the dial. The thermostat is now recalibrated.

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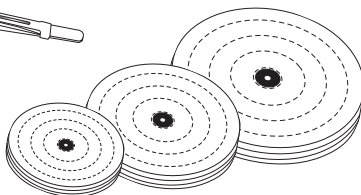
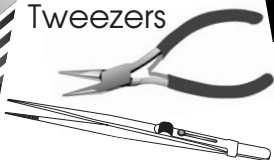
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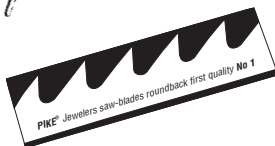
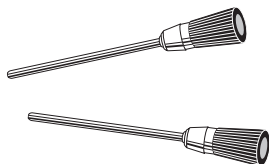
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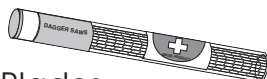
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