

Vacuum Wax Injection System

Ref: 41-100-000

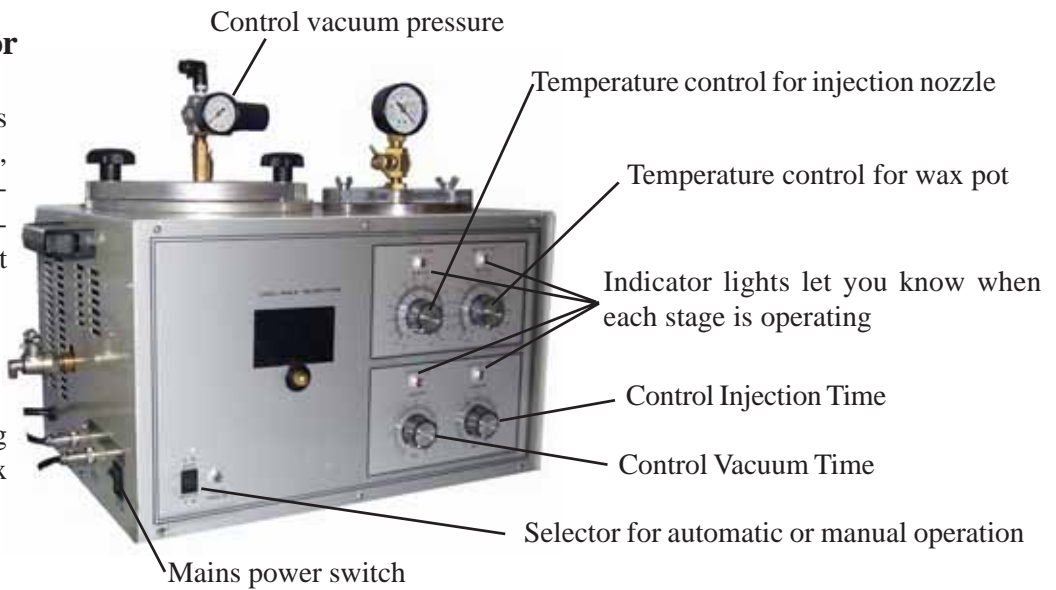
Quality Control in the waxing room is a key factor in eliminating casting defects. The Vacuum Wax Injector reduces your labour on wax pattern cleaning as well as producing high yield defect free wax patterns. Before wax is injected, the vacuum wax injector pulls the air out of the mould and then immediately injects the molten wax at a precise preset temperature. You stay in complete control with the Vacuum Wax Injection system. It is completely programmable to meet the specific requirements of your mould allowing you to control every step including vacuum time, injection time, injection pressure, wax temperature, nozzle temperature, clamping pressure, forward pressure and clamping time.



Vacuum Wax Injector

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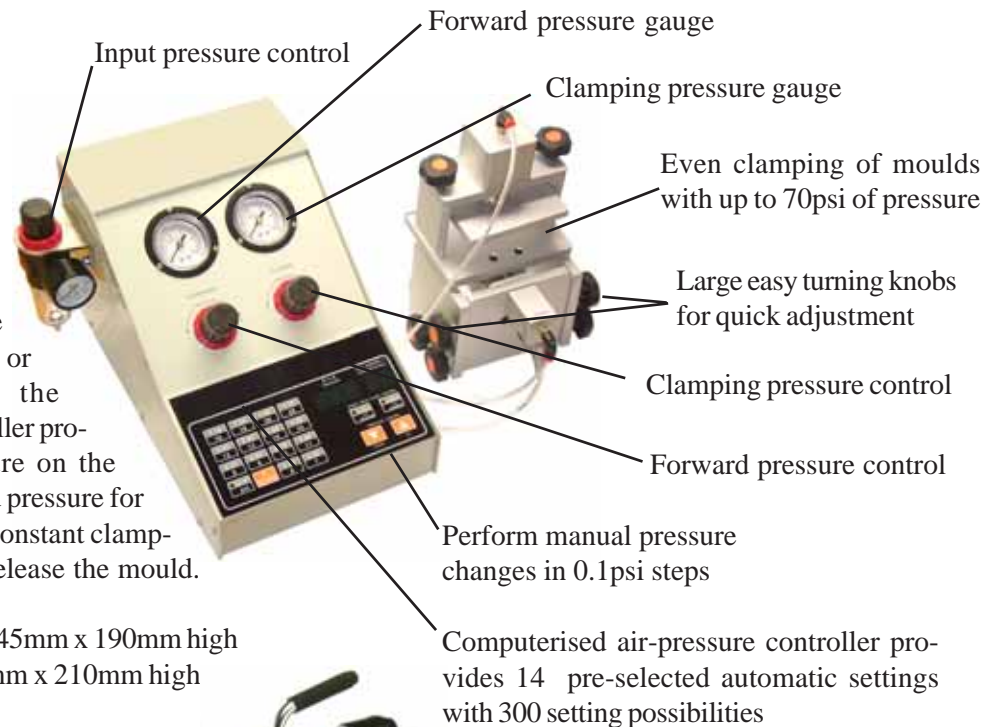
Produce finished waxes that are free from bubbles, voids and defects time after time. Hands free operation with a convenient foot control included. Solid high quality construction that will last for many years at a surprisingly low cost. Wax Capacity: 2.7kg
Overall size: 546mm x 381mm x 445mm high
Shipping weight 30kg



Techtrol Pressure Control and Auto Clamp

Ref: 41-102-000

Exactly the same weight finished waxes every time! With the Techtrol Pressure Controller and Auto Clamp you get repeatable results every time you use a mould. Simply return to the same pressure settings and relax or prepare the next mould as the Autoclamp with Pressure Controller provides an even constant pressure on the mould, exactly the same forward pressure for the correct time and remains at constant clamping pressure until it is time to release the mould.
Shipping weight: 12.5kg
Control console size: 210mm x 345mm x 190mm high
Auto clamp size: 160mm x 160mm x 210mm high



3cfm Vacuum Pump Ref: 41-047-000

Two-stage direct-drive with 370watt (1/2 h.p) motor. Internal trap to reduce risk of oil draw-back. Ideal for vacuum wax injection systems.



Please note: A Vacuum Pump and Air Compressor are additional equipment required for these systems

Injection Waxes

FREEMANFLAKES TUF GUY - Green

Ref: 41-470-000

The FreemanFlake Tuf Guy injection wax is the toughest wax in the Freeman range. It can be pulled, bent, hit or dropped without breaking, has excellent memory, injects at 73°C and solidifies at 68°C (+/-3°C). Rapid solidification of FreemanFlake Tuf Guy reduces shrinkage, especially in larger patterns, flows well and produces very fine details.

FREEMANFLAKES - Turquoise

Ref:41-492-000

FreemanFlake Turquoise Wax provides the ideal balance of characteristics demanded by many casters around the world. It features built-in mold release agents, has very low shrinkage and produces a sheen finish on designs reducing the time for polishing and finishing. FreemanFlake Turquoise injects at 65°C, has a good shelf life and is recommended for stone-in-place casting.

FREEMANFLAKES FILLIGREE - Pink

Ref: 41-495-000

FreemanFlake Filligree Pink combines the flexibility of Tuf Guy Green, with the excellent flow characteristics of Turquoise. Injects at 68°C, produces the highest detail and easy removal without breakage.

FREEMANFLAKES FLEXIBLE - Blue

Ref: 41-472-000

This versatile mixture of wax and plastic has the highest degree of flexibility whilst still retaining fine detail. Flexible Blue features the longest shelf life of all the FreemanFlake range. Clean ash free burnout and injection at 68°C

FREEMANFLAKES CARVEABLE - Purple

Ref:41-491-000

Injection Wax with excellent carve-ability as well as - Excellent flow - Low ash content - Good Memory and High detail, with the added advantages of: - Minimal gumming of wax files and burs - Durable (will not break under stress) - Does not react to heat from fingers while handling. Injection at 77°C



Golden River Wax Additive

Ref: 41-499-000

Make your standard injection wax "flow like water"!

Golden River is an injection wax itself. This means it burns out clean with no residue or ash. Simply add a handful or two (30% to 60%) to your wax pot and you will see an almost instant improvement in the flow. As you add more of your standard wax, the mix slowly returns to normal as the percentage of Golden River is reduced. Supplied in 2kg bags.

Logimec Wax Injectors

All Logimec wax injectors are equipped with strong, reliable, lightweight aluminium alloy tanks fitted with a full wrap around band heater that ensures a uniform temperature throughout the inside. The charge reserve injection valve has been designed to provide continuous flow of wax without air bubbles. Three different-



shape nozzle heads are supplied to give the best fit for your moulds (no messy wax spills). The exclusive locking system on the air-tight lid prevents pressure loss while remaining easy to remove for adding more wax or for routine cleaning.



Pressure Release Valve, Pressure Gauge and Hand Pump are mounted on the lid.

Model 1500M

Ref: 41-036-000
160 x 160 x 520mm high
Tank capacity 1500cc
Heating Power 160watt

Model 2500M

Ref: 41-031-000
194 x 194 x 520mm high
Tank capacity 2500cc
Heating power 320watt

MasterWax Injector

The MasterWax Injector features an all aluminium wax chamber to ensure even heating of the wax. The temperature is controlled by a digital thermostat with a simple two button control. A pressure release valve is located on the lid along with a solid hand pump and pressure gauge.

Wax Capacity
1.5kg.

300watts
Ref:
41-033-000

Also available in wax capacity of 3kg with air connection for compressed air.

