



## Filling process electric filling machine VitoMat-E



Wear work clothes, gloves and safety glasses.



At delivery of the machine the accessory is behind the door.

### Before filling



**Step 1:** Take out the accessory and put one of the sealing rings on the gravity feed cup.



**Step 2:** Screw on the gravity feed cup.



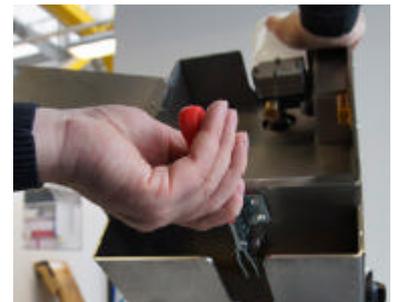
**Step 3:** Use the 2. sealing ring at screwing the filling adapter. Tighten with a soft tissue and a water pump pliers.



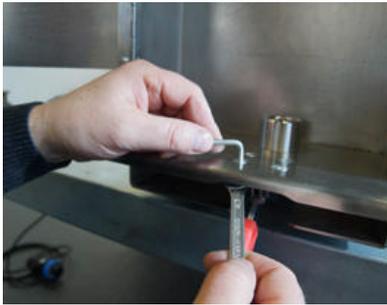
**Step 4:** Mount locking lever.



**Step 5:** For it take out the can plate.



**Step 6:** Place the lever.



**Step 7:** Screw the lever with a screw-wrench no. 10 and a hexagon socket (4 mm).



**Step 8:** Put on the can plate again.



Connect the machine only with a for protected areas useable socket-outlet.



**Step 9:** Before filling the machine has to be rinsed with solvent. For it take off the screw plug of the cleansing can...



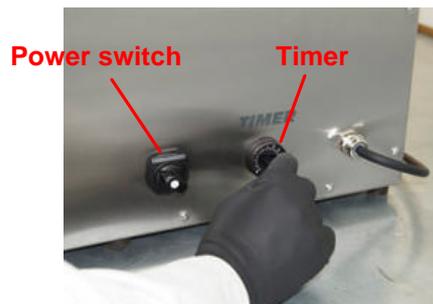
**Step 10:** ...and put it under the filling adapter.



**Step 11:** Close the door.



**Step 12:** Pour 100 ml solvent into the opened gravity feed cup.



**Step 13:** Put the timer on Step 3 (if cellulose thinner is used).



**Step 14:** Switch-on the machine. The solvent is cleaning the pump from eventually residues coming from manufacturing. Afterwards take out the cleansing can and begin with the real filling process.

## Filling



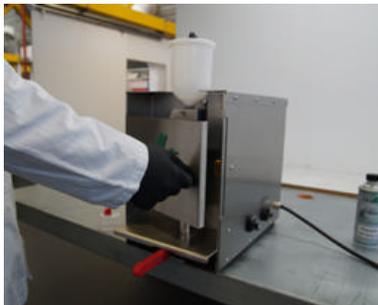
**Step 1:** Take off the nozzle of the pre-fill spray-can.



**Step 2:** Put the spray-can on the can plate and tauten it between filling adapter and can plate. For it push the lever upwards.



Place the pre-fill spray-can exactly under the filling adapter.



**Step 3:** Close the door.



At delivery the power switch is switched-off and the timer on step 1.



**Step 4:** Now the timer has to be balanced to the viscosity of the filled lacquer. For it set the timer on highest level.



**Step 5:** Fill 100 ml of the lacquer which has to be filled (sieve before!) into the gravity feed cup.



**Step 6:** Start filling process and measure simultaneously with a stop watch the time till the lacquer is in. Adjust the timer at this value. This value can be used for all lacquers of the same viscosity. If the paint will be changed, the timer has to be balanced again.



**Step 7:** After the lacquer was sucked in the spray can, wait for approx. 1 sec (you can hear a short noise of backward running). Then take out the spray can of the machine and put on the nozzle.



When the timer is balanced to the lacquer, the filling of the following spray-cans works easily with switching-on the power switch.

## Please note:

- At the first filling process a small part of the lacquer could remain in the machine, therefore the first spray can is incomplete filled.
- The lower bound of viscosity of the lacquers which has to be filled is 60s/DIN 4 cup.
- Not suitable for 150 ml spray-cans.
- Adjust the pump in regular intervals.
- At longer standstills pour some solvent in the gravity feed cup and tauten an empty spray-can like at filling process between filling adapter and can plate.
- If the motor fix at filling, the motor protecting switch switch-off automatically after 30 sec. For filling again take off the cover panel on the side. Remove the protective case inside and press the motor protecting switch back to starting position. Then rinse the pump with solvent before you can continue the filling process. If necessary loosen the gear wheels carefully with a water pump pliers.
- After a while make a leak-test at the pump. If you can see a paint drop at the connection between pump and case, the bar should be adjusted again with a screw-wrench no. 24 against the clockwise rotation.
- **Cleaning:** Because the pump is a precision mechanical part, you should clean especially thoroughly. Dried residue of lacquers could damage the machine. If you filled water-based lacquers then clean at first with water and let solvent follow. Clean the gravity feed cup with a synthetic brush.

**Important: After every filling process the spray-can must be changed. Sieve paint before filling.**