

Small 50 Grout Pump. Setup for Tuck Pointing

1. Attach pressure gauge to pump
2. Attach 1" hose to gauge (see section on fine tuning the pump)
3. Plug in power cord (blue light will illuminate)
4. Plug 5v remote cable into yellow port
5. Fill hopper with water (this lubricates the hose)
6. Turn on pump (yellow dial on right side) from position 0 to 1 (num LED read out)
7. Set LED to read 50Hz by using the plus or minus buttons
8. Set the dial with the F/R arrows (below + / - buttons) to forward (clockwise to the right)
9. Press on the remote switch to begin pumping (material will begin to flow)
10. Add slurry mix of Portland cement based product (only if using cement based materials) to an empty hopper and begin to pump. *This will lubricate hose to allow material to flow easier.*
11. Add your material to be pumped into the hopper
12. Adjust pump speed accordingly



Small 50 Grout Pump.....Activating Tuck Point Mode

The small 50 must be put into tuck point mode to use the tuck point gun.

1. Make sure machine is plugged in to power source but on-off switch is in the OFF position.
2. Make sure the safety grate is installed correctly with mag switch towards panel.
3. Connect tuck point gun to remote cord then the yellow end to the yellow plug on S50.
4. With S50 still off, hold F-R switch in reverse position (to left, counterclockwise)
5. Hold in both plus and minus speed buttons together.
6. While continuing to hold both buttons turn machine on. (Blue light should lit)
7. The LED screen will flash 20 then 00 then go back to 20
8. Now release the buttons. The unit is now in TP mode.
9. Pick up TP gun and squeeze the trigger to off turn direction button to forward (right).
10. When you release the gun trigger the machine should start up.
11. Squeeze the TP gun again and the S50 should stop.
12. If the gun is not controlling the on-off of the S50 repeat procedure.

Small 50 Grout Pump.....Disabling Tuck Point Mode

1. Make sure machine is off.
2. The above activation procedure is reversed.
3. With the S50 still off hold F-R switch in reverse position (to left, counterclockwise)
4. Hold in both plus and minus speed buttons together.
5. While continuing to hold both buttons turn machine on. (Blue light should lit)
6. The LED screen will flash 20 then 00 then go back to 20 (or 19)
7. Let go of buttons.
8. Set direction button to forward (to the right)
9. Squeeze TP gun trigger once to turn on.
10. Squeeze trigger of TP gun trigger once to turn off.
11. Turn direction switch back to neutral (vertical)
12. Tuck point mode should now be off.

For further help call IMERUSADIRECT @ 844-IMER PRO or go to www.imerusadirect.com

Small 50 Grout Pump.....Cleaning instructions

1. Empty hopper
2. Pull out drain plug from under the hopper
3. Disconnect the material hose
4. Disconnect the gauge
5. Disconnect the gun
6. Rinse hopper and unit clean with water (display panel is splash proof) until all material is rinsed thoroughly
7. Replace the drain plug
8. Fill hopper with water
9. Turn unit on via the remote (if attached) or the valve on the gun (pump will start turning)
10. Clean the end of the stator with the supplied cleaning tool to remove any debris (tool was designed not to interfere with screw)
11. Stop unit
12. Wipe the end of the hose clean (the side to be inserted back into the stator)
13. Insert sponge ball into the end of the pump (this will wipe clean the inside of the hose)
14. Insert the hose back onto the stator
15. Fill hopper with water
16. Turn unit on and set above 50hz
17. Catch the sponge ball from the other side of hose (only one time necessary)
18. Clean gauge, tips and gun thoroughly
19. Drain any excess water left in the hopper and pump

Adjusting the screw / stator:

1. Attach the gauge to the end of the stator
2. Attach the hose to the end of the gauge
3. Fill unit with water
4. Kink hose to restrict flow
5. Turn on unit
6. Check the gauge to read 150 psi or 10 bar (note that the top numbers measure bar)
 - If more, then loosen the 3 bolts with 19mm wrenches one revolution each until correct
 - If less, then tighten the 3 bolts with 19mm wrenches one revolution each until correct

WARNINGS & CAUTIONS:

1. Always wear protective clothing safety gear when using the Small 50
2. Always have safety grate in place when using the Small 50.
3. Using caution when doing any maintenance on Small 50 and have power disconnected.
4. Use caution when disconnecting any hose and check that pressure has been relieved.

For further tech support you can call us at IMERUSADIRECT toll free at 844-463-7776 or email us at mike@imerusadirect.com.

If you need immediate assistance and are unable to reach us you can call our experienced IMER Super Rep Robert Bacarella @ 917-757-0669

For further help call IMERUSADIRECT @ 844-IMER PRO or go to www.imerusadirect.com