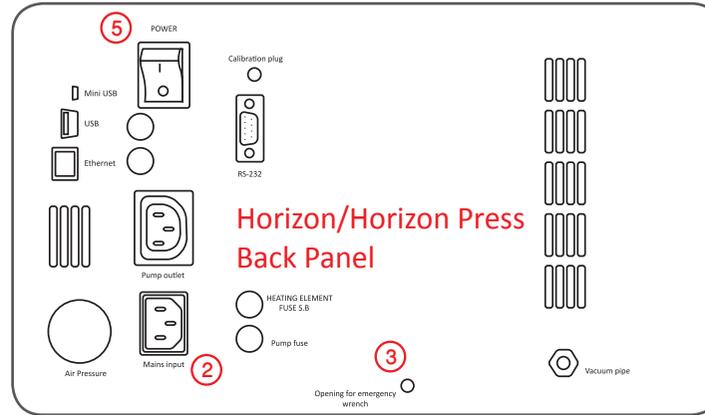


1 Remove the Horizon from the packing material with both hands.

Hold the bottom of the furnace with one hand and the top side with the other hand and place it on a flat surface.

2 Connect the power-supply plug.



3 Remove cover of vacuum pump fitting and use screwdriver to secure vacuum tube to the furnace with supplied band.

4 **FOR HORIZON PRESS ONLY.** Connect the furnace to a compressed-air system by means of supplied compressed-air tube. Pressure not to exceed 8-10 bars.

5 Power on. Audio signal will be heard, display illuminates and lift descends. Press **E** to display parameters screen

6 **WARNING!** Place ceramic table or press table on lift prior to operating!

7 Select Program 01: pre-heating to extract humidity from chamber

8 Press “ENTER” key

9 Press “START” key. Repeat 3 times. **7 + 8 + 9**

Upon completion of the preheat program, your new Horizon or Horizon Press is ready for firing.



- (A) Display
- (B) Numeric Keypad
- (C) Arrows to move the lift or change parameter in editing mode
- (D) Main menu
- (E) **ON/OFF:** Press to access the program overview screen
- (F) **PF:** Activates/Deactivates automatic pressing mode
- (G) **F1: Help** key when in parameter
- (H) **F2:** Special Key to access diagnostic screen (see user manual)
- (I) **SCR:** Switch from program overview screen to graphic display
- (J) **PROG:** Access program list
- (K) **HOLD:** used to modify program while in cycle
- (L) **STOP/LIFT:** pressing twice will abort program and open table
- (M) **ENTER:** press to confirm program
- (N) **START:** to start the program/cycle
- (O) **CLEAR** key

For more details on programming the furnace, refer to the complete user guide.

We welcome your feedback and suggestions at feedback@shenpaz.com

Quick Trouble Shooting

DISPLAY	
Display flashes	Open panel. Thermocouple wiring should be checked. Look for poor contact or broken wires.
Blank display screen. No sound.	Power cord disconnected.

HEATING	
No heating	Check the heating element fuse that is clearly marked on back panel.

PUMP & VACUUM	
Pump not working	Check the pump fuse that is clearly marked on back panel. Change fuse if required. IF pump fuse OK – check the pump by inserting the inlet of the furnace cord into the inlet of the pump cord. IF pump still does not work – change the pump
Pump is working but display reads at lower level than required. Vacuum error appears after 60-90 sec. of operation.	Vacuum pump calibration required. IF after calibration, problem persists – change the vacuum pump.
Pump starts to work every 30-50 sec. during cycle.	Occurs because of humidity in muffle. Perform muffle pre-heat procedure (prog. 1)
Pump is working but vacuum display reads 0, there is no vacuum in chamber and the vacuum error message appears.	Check the vacuum tube connection between pump and furnace. IF OK, but problem persists - clean the firing table O ring with alcohol. IF problem persists, check that firing table closed completely with the firing chamber (springs are squeezed a little) and no obstruction prevents its closing.
PRESSING FURNACE: No pressure in furnace	Check connection to compressor and that compressor is turned on. Check if there is pressure in tube between filter and furnace. Increase the pressure level by using the air pressure knob (located in center of rear panel).
PRESSING FURNACE: Pressure leakage sounds from furnace	Check if leakage is from the filter or from one of its fittings. Locate the exact source of leakage and tighten the connection.
PRESSING FURNACE WARNING Pressing bar O' ring can be damaged if <u>main switch</u> is turned off when temperature in furnace is higher than 600°C.	

Start Here!

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Remember! Safety First!

Before removing any covers or undertaking any repairs
DISCONNECT THE FURNACE FROM THE POWER SUPPLY.

For support center in your region, visit our
technical contact page on our website

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Horizon/Horizon Press Quick Start Guide

Congratulations on your
new purchase of the Horizon furnace.
Below are 9 easy steps to help you get started.



HORINON PRESS | HORINON

Your work merits a new Horizon.