

## Setup

- With the MICRO-ePUMP turned off, make the following connections:
  - Connect Power Supply to the rear of the unit and plug it into a wall outlet.
  - Plug the Foot switch connector into the Foot switch port.



**NOTE:** DO NOT connect the PicoNozzle hose to the MICRO-ePUMP.

- Verify that the PicoNozzle hose is disconnected. Then, power on the MICRO-ePUMP. On power up, the following happens:
  - The power up screen appears.
  - The MICRO-ePUMP performs a self-test.
  - The operating pressure begins to build up.



- Press the touchscreen to access the main screen. By default, the injection port is disabled. Tap the warning or the Change Settings icon to enable it.



## Connecting the PicoNozzle hose to the injector

- Align the easy-connect Injector connector with the injector port on the front of the MICRO-ePUMP and attach it with a half-twist.



## Navigating the Main screen

### Changing injection parameters

- Press anywhere in the settings area to access the settings. Press Port Off to turn on the pressure port (PORT ON).



- To change the parameters, just touch the screen on the parameter you want to change. A box appears around the parameter to highlight it. Adjust the parameter by turning the knob.



To change the dial adjustment speed, press the knob on the front of the MICRO-ePUMP. The snail changes the display in 0.01 increments, and the running man changes it in increments of 0.1.

- When you move from one parameter to the next, it locks and saves the parameter.

**NOTE:** This is different from saving parameter sets to load.

## Changing the MICRO-ePORE parameters

- When the MICRO-ePORE is disabled, the home screen will not show the MICRO-ePORE parameters in the bottom half of the screen. To enable the MICRO-ePORE, tap Settings area to go to Settings screen.



- Tap a parameter and turn the knob to change the parameter.



- When you move from one parameter to the next, it locks and saves the parameter.

**NOTE:** This is different from saving parameter sets to load.

## Pump gauge

- The internal pump reservoir replenishes itself when it falls below 90% of its full capacity.
- To reset the pump manually, press the gauge meter on the touchscreen, and the reservoirs start refilling.



## Injection counter

This area shows the injection count. Reset it by pressing on the touchscreen.



## Settings screen

The setting section on the main screen supplies the current settings:

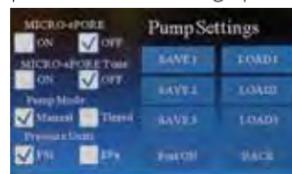
- MICRO-ePORE status (Off or On)
- MICRO-ePUMP mode (Manual or Timed)



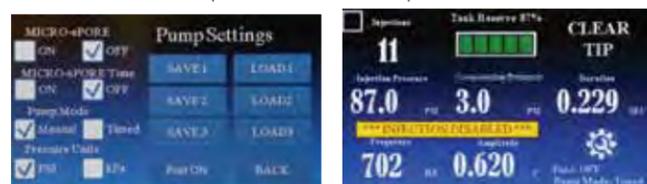
- To modify these settings, press the Settings section on the touch screen.

- From there, do one of the following:
  - Disable or enable the MICRO-ePORE
  - Disable or enable the MICRO-ePORE tone
  - Change the MICRO-ePUMP mode (manual or timed)
  - Change the pressure units (PSI or kPa)

- Press the SAVE1 button to save the existing set of parameters on the main screen. Or press LOAD1 to bring up the SAVED MICRO-ePUMP parameters.



- To change the pipette, turn off the injection PORT to avoid depleting the reservoir. The button indicates the present state of the port.



## Foot Switch

The foot switch is a 2-step switch. Press the switch half way down to activate the MICRO-ePORE. If the MICRO-ePORE is disabled, just press the switch all the way down. When the switch is depressed all the way, the MICRO-ePUMP is activated.



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