

Introducing  
the New

# Vapor Pressure Controller

## Vapor Pressure Controller

Seamlessly regulate vacuum



This Vapor Pressure Controller was specifically built to work in chemically harsh environments to reliably maintain pressures for low temperature distillation.

### Specifications

<b>Vacuum Reference:</b>	<b>Absolute</b>
<b>Sensor:</b>	<b>SEN-775i-NPT-OEM</b>
<b>Resolution:</b>	<b>+/- 0.1 Torr</b>
<b>Units:</b>	<b>Torr, mbar</b>
<b>Accuracy:</b>	<b>+/- 2.66 mbar; +/- 2 Torr</b>
<b>Range</b>	<b>1 – 1013 mbar; 1-775 Torr</b>
<b>Control band</b>	<b>+/- 2.66 mbar; +/- 2 Torr</b>
<b>Mount</b>	<b>Desktop or laboratory pole mount</b>
<b>Display</b>	<b>0.56 inch White LED for Pressure, 0.36 inch Blue LED for set point</b>
<b>Product Dimensions</b>	<b>3.375" h x 4.5" w x 6.25" d</b>
<b>Power</b>	<b>110 Volt standard wall receptacle</b>
<b>Compliance</b>	<b>CE and RoHS compliant</b>
<b>Wetted Materials</b>	<b>316 SS, chemically resistant rubber, PTFE</b>
<b>Effective Orifice</b>	<b>0.150 in</b>
<b>Connectivity</b>	<b>USB</b>
<b>Vacuum Interface</b>	<b>3/8" I.D. hose barbs, 1/4" NPT F</b>
<b>LED Heights</b>	<b>.56" .35"</b>

## Unique Features

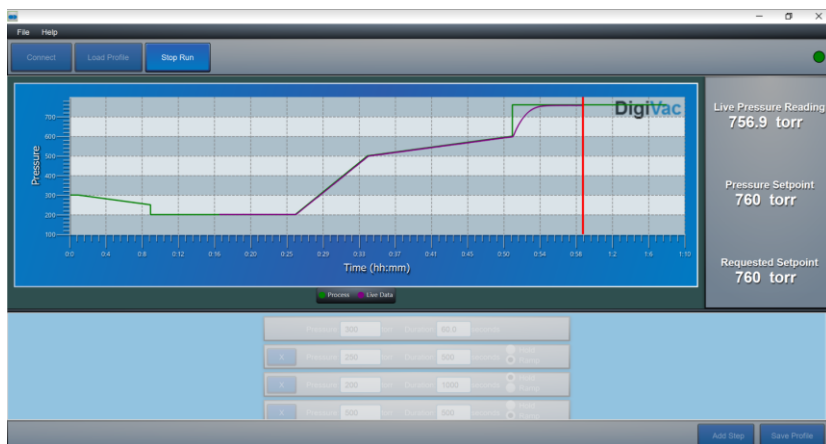
- Fine grained vacuum control
- Simultaneous display of both current vacuum and set point
- Direct one-touch set point setting
- Remote control via USB

## Benefits

- Fine control of target vapor pressure for more precise compound separation through distillation and rotary evaporation
- Keeps your pump oil away from your process
- Enables using reliable and long lasting rotary vane oil pumps in applications where diaphragm pumps were previously required
- Keeps vacuum pumps near their base pressure resulting in longevity, fewer oil changes and less oil mist

## Design features

- Easy-to-use Interface
- Flow path designed to be tolerant of harsh chemicals
- Use of larger orifice parts results in much faster pumpdowns
- Switch that allows for regulation, full vacuum or no vacuum



## Software

- Start, stop, and log vacuum control runs
- Create recipes of ramp, hold and set points to avoid bumping
- Save and re-run recipes to get repeatable runs time after time