

# Model 22W

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Active Gauge | Compact Vacuum Transmitter



## Active Gauge Vacuum Transmitter

### No-Tools Required To Replace Sensor

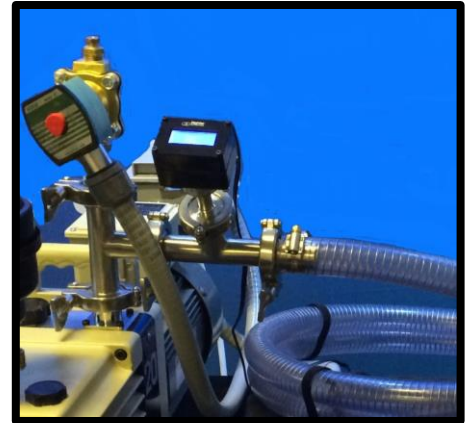
- **Active Gauge**—vacuum transmitter measures full range of rough vacuum pinpointing either gross or fine process errors or leaks | Measures from 1 micron to 760,000 microns (760 Torr) or atmosphere | Includes RS232 and 5 Volt analog output
- **Efficient**—designed with no moving parts for durability and reliability/ No mounting is required
- **Replaceable sensor**—field-replaceable allowing for longer transmitter life
- **Calibrated**—Every Model 22W is calibrated and pretested under actual vacuum against a NIST standard
- **Applications**—freeze dryers, refrigeration systems assembly lines, vacuum ovens, laboratory

**Model 22W** has a compact electronic package that fits right on top of the vacuum tube.

There is no need to take up valuable benchtop or panel space!

**Simple Set-Up of Vacuum Process Telemetry:**

- Plumb the vacuum gauge tube into your vessel
- Plug in the Model 22W on top of the gauge tube
- Run the low voltage power wire (provided) to the gauge
- Run the digital signals



Specifications											
<b>Power:</b>	<b>100-240VAC 50/60 Hz CE Rated</b>										
<b>Vacuum Interface:</b>	<b>1/8" Male NPT or KF/NW</b>										
<b>Sensor:</b>	<b>Varian 531 or CE Rated Varian 536</b>										
<b>Range:</b>	<b>.001 – 760 Torr</b>										
<b>Units:</b>	<b>Order as: Torr, Micron, Millitorr, or mbar</b>										
<b>Accuracy:</b>	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1~99 millitorr</td> <td style="width: 50%;">+/- 2 millitorr or 20%</td> </tr> <tr> <td>100~2000 millitorr</td> <td>+/- 10%</td> </tr> <tr> <td>2 ~ 6 Torr</td> <td>+/- 25%</td> </tr> <tr> <td>6~250 Torr</td> <td><b>Continuous and monotonic</b></td> </tr> <tr> <td>250 ~ 800 Torr</td> <td>+/- 25%</td> </tr> </table>	1~99 millitorr	+/- 2 millitorr or 20%	100~2000 millitorr	+/- 10%	2 ~ 6 Torr	+/- 25%	6~250 Torr	<b>Continuous and monotonic</b>	250 ~ 800 Torr	+/- 25%
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<b>Mount</b>	<b>Sensor mounted</b>										
<b>Wetted Parts:</b>	<b>Nickel, Copper, Constantan</b>										
<b>Display (LCD version only)</b>	<b>16 Digit character display</b>										
<b>Dimensions</b>	<b>1.6" x 1.8" x 2.4"</b>										
<b>Analog output</b>	<b>(if applicable): 0-5 Volts linear or linear by decade</b>										

**Options:** LCD Display | 536/CE rated tube | Measurement Units

**RS232 output:** can be used to graph and plot historical data with the **DigiVac plotting software**, and as a vacuum transmitter to a PLC or other device.