

LED Displays



Many Vacuum Research instruments are built with backlighted liquid crystal displays (BLLCDs). Since these displays are reflective they are ideal for brightly lighted laboratory and assembly areas and are easy to read even in bright sunlight. However, in some places where vacuum gauges are used light level is low and a light emitting diode (LED) display may be a better choice. Green LED displays are available on all gauges and can be retrofitted to existing gauges.

LED instead of LCD installed at time of original purchase
 3 1/2 place, P/N 801300: \$83. 4 1/2 place, P/N 801301: \$210.
LED Retrofit Kit in existing gauges
 3 1/2 place\$104. 4 1/2 place\$231.

Airborne Sensors



Our Pirani sensor technology uses an extremely low mass filament (less than .08 milligrams). The resulting low inertia and reduced fatigue contribute to the long life of our gauge tubes in industrial applications. Of course, in rocket and other airborne applications this shock and vibration resistance is even more critical to mission success. Each airborne application requires an enclosure that is optimized for the vehicle and in some cases the sensor enclosure is fabricated by our customer and shipped to us for sensor installation and calibration. To save development and testing time we will license the circuit to power and read the sensors so you can add it to existing PCB layouts. We would like to work with you on your next project.

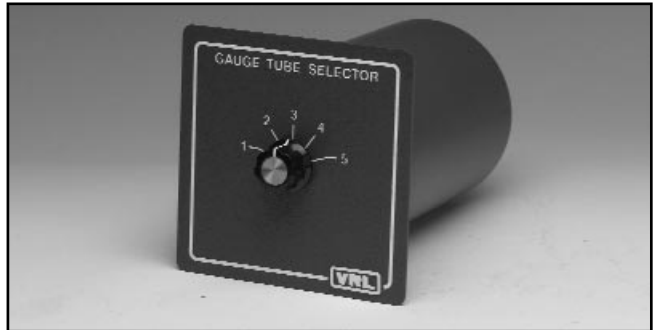
Bench Mount Cabinets



Bench mount cabinets can accept one or two standard enclosure gauges, or one gauge and a gauge tube selector switch. When the optional handle is purchased, your instrument can be easily transported. Rubber feet are included on all cabinets to protect your bench tops. The handle can also be installed directly to the top of either 1/4 DIN or standard enclosures.

Single Cabinet, P/N: V805002\$106.
Double Cabinet, P/N: V805003\$119.
Handle Installed on Cabinet or Instrument
 P/N: V805005\$17.

Gauge Tube Selector Switch



The gauge tube selector allows any Vacuum Research gauge to display the output of up to 5 gauge tubes just by turning the switch. Each gauge tube selector includes the necessary gauge tube cables 10 ft. (3 m) long and one 12 inch (30 cm) cable to connect to the gauge tube cable on your vacuum gauge. See page 42 if longer cables are required.

3 Position Switch for Pirani, Diaphragm, Convection Gauges
 P/N: 902027\$350.
5 Position Switch for Pirani, Diaphragm, Convection Gauges
 P/N: 902026\$472.
3 Position Switch for Wide Range Diaphragm Manometers
 P/N: 902156\$398.
3 Position Switch for Thermocouple Gauges
 P/N: 902113\$164.