

MODEL 2L760

Tracks a 1000 Torr
Capacitance Manometer
at a Fraction of the Price

Specifications

Range	1-760
Units:	Torr (mm Hg)
Vac Interface:	1/8 inch MNPT, KF/NW, 3/32 O.D. hose barb
Sensor:	Digivac 760T
Sensor cable length:	10 feet
Display:	.56" high 3.5 Digit Red LED
Dimensions:	1.5" high, 4.25" wide, 5.5" deep
Analog output:	(if ordered): 0-3 V
Power:	115 VAC, 60 Hz
Controls:	7 Amp, 250 Volt (If Ordered)

Vacuum instrumentation with everything you need to go to work

Each vacuum instrument includes:

- A vacuum gauge controller
- A vacuum sensor
- A cable to connect the vacuum gauge controller to the sensor
- A line cord adapter for a standard Nema 5-15R wall socket

All are pre-tested under actual vacuum against a NIST standard



Optional Features

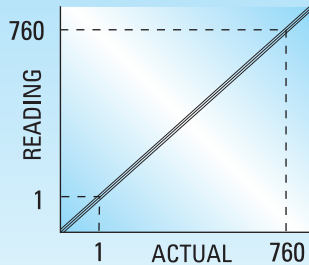
Options Description

2C	Gives the ability to control an external device via 2 SPDT external connections at user specified setpoints
Analog out	Provides a voltage output proportional to vacuum reading which ranges from 0-3 volts
DS	Software which collects and graphs vacuum data on a PC via RS232
RS232	Enables vacuum measurement to be transmitted to a PC or another RS232 device through a DB9 female interface. Includes a 6 foot DB9 male to female serial cable
NISTCal	Calibration of a vacuum gauge against a NIST traceable standard with data
mbar	Displays vacuum reading in mbar
PrintPlot	Printer that displays a graphical plotted output when connected to the model 2L760
Switch	Displays tenths below 200 Torr
5V5T	Provides a voltage output proportional to vacuum reading which ranges from 0-5 volts at 1mV per mTorr (1 micron = 1 mV, 5 Torr = 5 Volts)
LBD	A Linear by Decade scheme where the leading digit is scale, and the last digit is the vacuum reading. For example: 0.995 Volts = 0.995 Torr, 1.010V = 10.1T, 2.1V = 100T, and 3.760V = 760T
Diff	Reads differential pressure instead of absolute pressure. Please specify 10 or 40 inches of water, 29.92 inches of mercury, or 3-15 PSI



MODEL 2L760 GAUGE ACCURACY:

1 to 20 Torr +/- 0.5 Torr
21 to 400 Torr +/- 2 Torr
401 to 760 Torr +/- 1 Torr



CONVERSION TABLE:

Microns	Torr
500	.500
1000	1.00
5000	5.00
10000	10.0
100000	100.
760000	760.

The Model 2L760 is an accurate, rugged, and reliable instrument for measuring vacuum in the Torr range. It uses proven piezoelectric transducer technology combined with solid state electronics, enclosed in vinyl clad metal packaging ensuring a rugged gauge to help stand up to your toughest conditions. This gauge is available by default as an absolute gauge but is also available as a differential gauge in user selected units: inches of water, inches of mercury, or PSI. The Model 2L760 follows a 1000 Torr capacitance manometer through its range for a fraction of the price. This unit gives accurate, repeatable results with thousands used in commercial and laboratory applications worldwide. We offer a wide range of options to customize the unit to fit your needs such as RS232 and plotting software. If you are working with clean gas and require accuracy within 2 Torr, the Model 2L760 is for you.

