

Model 276

Model 276

Dual sensor vacuum instrument



A combination thermocouple and Piezo sensor allows the 276 to accurately measure pressures from 1 millitorr – 760 Torr.

Specifications

Sensor:	DigiVac 276 T
Sensor Cable Length:	10 feet
Units:	Torr
Accuracy:	0 to .009 Torr +/- 1 milliTorr 0.010 to 0.099 Torr +/- 7% of reading 0.100 to 2.5 Torr +/- 10% of reading 2.5 to 20 Torr +/- .5 Torr 21 to 400 Torr +/- 2.0 Torr 401 to 760 Torr +/- 1 Torr
Range:	0.001-760 Torr
Display:	0.56" high 3.5 Digit Red LED
Product Dimensions:	1.5"h x 4.5"w x 5.5"d
Power:	100-240VAC 50/60 Hz CE rated
Analog Output:	(if ordered): 0 – 5VDC
Vacuum Interface:	1/8" MNPT or KF/NW
Controls:	(if ordered): 7 Amp, 250 Volts

Unique Features

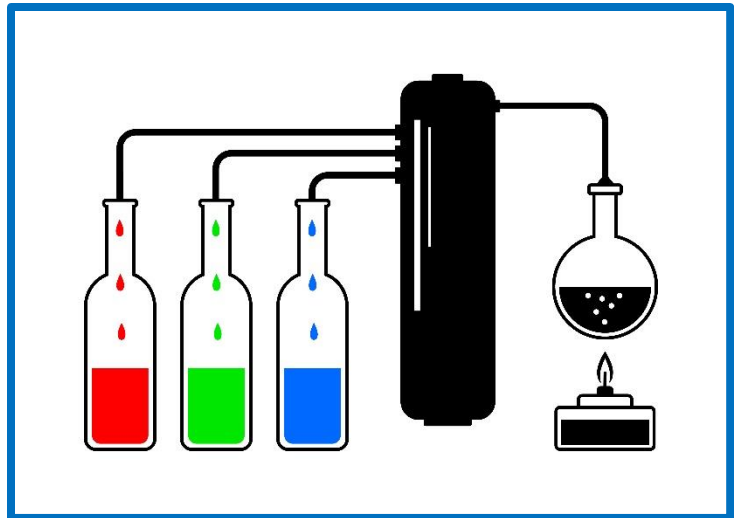
- Combines proven thermocouple and piezo technology for seamless measurement and accuracy
- Excellent choice for distillation and vacuum drying applications where accuracy at 25 Torr and 500 milliTor are important
- Calibrated against a NIST standard

Applications

- Vacuum drying
- Gas reclamation
- Back filling
- Distillation
- Freeze drying

Options

- 2C
- 5V5T
- DS
- Eth
- RS232
- NISTCal
- mbar
- DigiVac Plot



The Model 276 produces reliable, consistent accuracy from 1 milliTorr through 760 Torr (atmospheric pressure). The 276 leverages dual sensor technology that has the unique ability to accurately measure through the entire rough vacuum range from 1 milliTorr through 760 Torr. This instrument builds on the simplicity and success of our best selling vacuum gauge - the Model 200. We do this through a seamless combination of sensing technologies integrated into a single easy to use bench top unit. The Model 276 is the same size as the Model 200; however, the Model 276 adds high accuracy in the Torr ranges and provides an alternative to a capacitance manometer in the range of 10 Torr to 760 Torr/Atmosphere. This unit is also available with the ability to log to a web page, Ethernet connectivity, RS232 communications, PC software that displays, plots and logs, and an analog recorder out. The 276 is also less sensitive to the composition of gasses since it uses piezoelectric transducer technology in the Torr range.