

MODEL 100V

Battery Operated, Wide Range Digital Vacuum Instrument measuring in mTorr, mbar and kPa

Specifications

Range	.001-760
Units:	Torr, mbar or kPa
Vac Interface:	1/8 inch MNPT
Sensor:	Varian 531
Sensor cable length:	10 feet
Display:	.70 inch high 3.5 Digit LCD display
Dimensions:	2.37" high, 5.12" wide, 5.25" deep
Power:	"D" Battery

Vacuum instrumentation with everything you need to go to work

Each vacuum gauge includes:

- A vacuum gauge controller
- A thermocouple vacuum gauge tube (vacuum sensor)
- A cable to connect the vacuum gauge controller to the thermocouple vacuum gauge tube
- Pre-tested under actual vacuum against a NIST standard



The Model 100V is a portable digital vacuum instrument that reads from 1 milliTorr (1×10^{-3} Torr) up to 760 Torr with the standard Varian 531 tube.

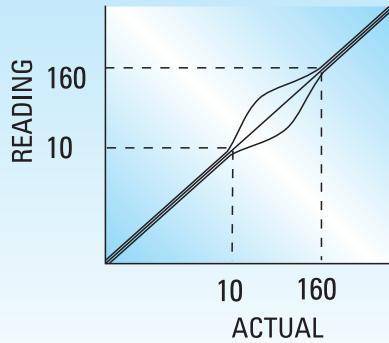
This gauge is ideal for the person that needs wide range accuracy, but requires the rugged portability and ease of use that this battery powered gauge offers.

It can be easily switched between Torr, mbar or kPa pressure units on the fly with a simple press of a switch. This unit is often used by pump rebuilders to verify ultimate pump vacuum level, and as a backup to existing vacuum gauges. This instrument comes in a rugged case and uses a "D" type of battery to increase battery change intervals.



MODEL 100V GAUGE ACCURACY:

- 0 to .009 Torr +/- 1 milliTorr
- 0.010 to 0.099 Torr +/- 7% of reading
- 0.100 to 0.999 Torr +/- 10% of reading
- 1.0 to 9.9 Torr +/- 15% of reading
- 10 to 160 Torr +/- 50% of reading
- 160 to 760 Torr +/- 25% of reading



CONVERSION TABLE:

Microns	Torr
1	.001
5	.005
10	.010
50	.050
100	.100
500	.500
1000	1.00
5000	5.00
10000	10.0
100000	100.
760000	760.

Optional Features

Options **Description**

NISTCal Calibration of a vacuum gauge against a NIST traceable standard with data

Case Carrying case for conveniently carrying vacuum gauge controller and associated gear

