



THE RIGHT CHOICE

# VG640D VACUUM SENTRY

When RELIABILITY and ACCURACY are important...  
Count on the DEPENDABLE Vacuum Sentry.

## Features/Benefits

- BEST resolution (0.5 Micron)
- Never replace, easy-to-clean LIFETIME sensor
- Large, backlit display
- High & low, audible and visual threshold alarms
- Built-in hanger
- 2 year warranty

## Specifications: VG640/VG640D

Sensor Type	Thermistor
Connector Type	Standard 1/4 inch male flare fitting
Vacuum Range	0-19,000 Micron (0-2,600 Pascal)
Resolution	Measurement Range    Resolution
	0-140                      0.5 Micron
	140-400                 1 Micron
	400-800                 2 Micron
	800-2,000               5 Micron
	2,000-6,000            20 Micron
	6,000-9,000            100 Micron
	9,000-16,000           200 Micron
	16,000-19,000        1,000 Micron
Units	Micron, milliBar, Pascal, Torr, milliTorr
Accuracy	+/-10% or +/-10 Micron, whichever is larger at 75°F
Update Rate	0.5 sec.
Alarm	Audible and visual alarm for high and low vacuum
Remote Alarm (R100)	Up to 400 ft. *remote audible, visual and vibrating alarm for high and low vacuum
Alarm Volume	87 dB for both unit and remote
Operating Temperature Range	0°F to 150°F (-17°C to 65°C)
Overpressure	800 PSI max (55 Bar)
Power Source	3 AA Batteries
Battery Life	600 Hours continuous usage, with battery indicator
Auto Shut off	8 hours when alarms are active When alarms are disabled:
	• 10 minutes when vacuum reading is above 19,000 Microns
	• 1 hour when vacuum reading is below 19,000 Microns
Weight	6 oz
Dimensions	5.5"H x 2.75"W x 1.5"D (139.7mm x 69.85mm x 38.1mm)



VG640D

Same GREAT Features as the VG640,  
but with Dual Port!



VG640  
Single Port

## Applications

- Vacuum measurements during system evacuation
- Measurements to confirm system leaks
- High precision laboratory tests

# SUPCO is your VACUUM GAUGE SOURCE since 1990



1990  
VG60



1995  
VG62



2000  
VG64



2009  
VG64S



2013  
VG640D

## Accessories

### R100

#### Remote Receiver

- Audible, visible and vibrating alarms
- Distance up to 400 ft.\*
- Integrated belt clip



## R100 Specifications

Distance from VG640T	Up to 400 ft.*
Alarm	Audible, visual and vibrating alarm
Alarm Volume	87 dB
Operating Temperature	-20°F to 160°F
Range	(-28°C to 70°C)
Power Source	9 V Battery
Battery Life	45 Hours continuous usage, with low battery audible indicator
Weight	3 oz.
Dimensions	5.0"H x 2.5"W x 1.0"D (127mm x 63.5mm x 25.4mm)

\* Distance is measured when the remote receiver is within a direct line of sight of the VG640T. Obstructions between the remote and the VG640T can reduce this distance.

### VGC

#### Vacuum Gauge Coupler

Insures leak free connection to vacuum gauge during measurement



## Kits

### VG640T

#### Vacuum Sentry Kit

- User selectable low and high vacuum alarms with remote wireless receiver (R100 included)
- 1/2 second response time



VG640T



R100



Carrying  
Case



VGC

## More Vacuum Gauge Products



VG60  
Electronic  
Vacuum Gauge



VG62  
Electronic Analog  
Vacuum Gauge



VG64  
Digital Vacuum  
Gauge - Dual Port



VG64S  
Digital Vacuum  
Gauge - Single Port



VG65  
Professional Series  
Digital Vacuum Gauge



VG66  
Professional Series  
Analog Vacuum Gauge