

VACUUM GAUGES

MADE IN THE
USA

VG640 Series Vacuum Sentry

Combining unmatched performance with ultimate productivity, The Vacuum Sentry (VG640 Series) guards system service activity and provides notification when pre-set alarm thresholds are reached. Choose from the VG640 with local audible and visual alarms or the VG640T which adds the remote alarm (R100) with audible, visual and vibration alarms.

Features / Benefits

- Unmatched Resolution (as low as 0.5 micron)
- 1/2 Second Response Time (update rate)
- Backlit LCD
- Local Audible and Visual Alarm
- Auto Shut off
- Built in Hanger
- User Addressable Remote Alarm(R100) available
- One Year Warranty

Applications

- While the technician is servicing another system, the Vacuum Sentry can send a signal to the remote alarm (R100) up to 400 feet away.



"Green" Backlight



Alarm Condition

Models

PART NO.	DESCRIPTION
VG640	Vacuum Sentry with Local Alarms. R100 compatible but not included.
VG640T	Vacuum Sentry with Local Alarms & Remote Alarm (R100 included)
R100	Remote Alarm (Audible, Visual & Vibration)

VG640/VG640T Specifications

Sensor Type	Thermistor
Connector Type	Standard 1/4 inch male flare fitting.
Vacuum Range	0 – 19,000 Micron (0 – 2,600 Pascal).
Resolution	0-140: 0.5 Micron 140-400: 1 Micron 400-800: 2 Micron 800-2000: 5 Micron 2000-6000: 20 Micron 6000-9000: 100 Micron 6000-16000: 200 Micron 16000-19000: 1000 Micron
Units	Micron, milliBar, Pascal, Torr, milliTorr
Accuracy	+/-10% or +/-10 Micron, whichever is larger (50 to 2000 Microns) at 75°F
Update Rate	0.5 sec.
Alarm	Audible and visual alarm for high and low vacuum
Remote Alarm	Up to 400ft* 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 Shutoff	8 hours when alarms are active. When alarms are disabled: <ul style="list-style-type: none"> • 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



Front (R100)



Integrated Belt Clip

R100 Remote Alarm Specifications

Distance from VG640/VG640T	Up to 400 ft*
Alarm	Audible, visual and vibrating alarm
Alarm Volume	87 dB
Operating Temperature Range	-20°F to 160°F (-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

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

MORE PRODUCT CHOICES

VG64S Single Port Digital Vacuum Gauge



VG64 Digital Vacuum Gauge



With resolution as low as 1 micron and 1/2 second response time, the VG64 provides accurate measurements, FAST. It makes evacuating a system EASY.

Features/Benefits

- Ultra Fine Resolution (as low as 1 Micron)
- 1/2 Second Response Time
- Auto Shut Off
- Built in Hanger
- Easy Access Cleaning Port
- Measures Vacuum in 7 International Units

Accessories

VG6	Vacuum Gauge Coupler
10475	120 Volt AC Adapter
10740	Vinyl Case