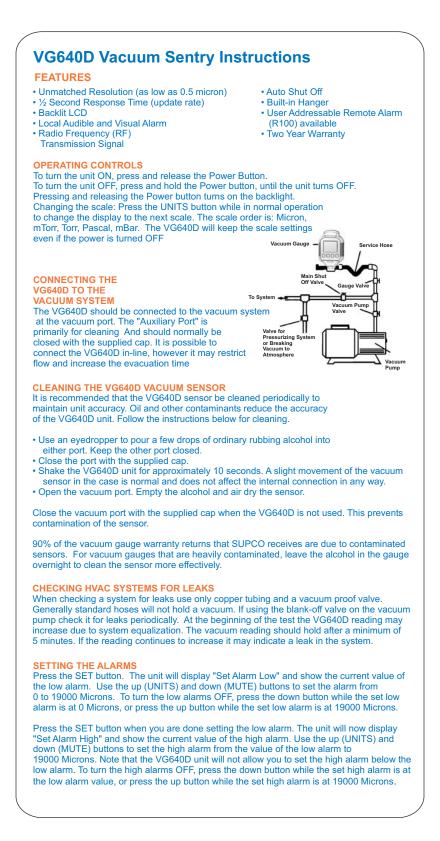


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MADE IN THE



Press the SET button when you are done setting the high alarm. The unit will return to normal operation. To see the current value of the low and high alarms, press the SET button. The unit will show the current value of the low alarm. Press the SET button again to display the current value of the high alarm. Press the SET button again to return the unit to normal operation. When the VG640D unit is turned OFF, the value of the low alarm is retained, but the value of the high alarm is always set to OFF. This prevents the VG640D from going into alarm mode when the unit is powered up while vacuum is not applied.

NOTE: When high alarm is set to anything but OFF, the unit will alarm when vacuum is not showing.

ALARM CONDITION

During an alarm condition, the unit will beep and the display backlight will flash red. The unit will flash "Alarm Low" or "Alarm High" to indicate which alarm is active. To silence the alarm, press the MUTE button. The unit will still flash the red backlight and display the "Alarm Low" or "Alarm High" message.

DISPLAY RESOLUTION

The display resolution depends on the vacuum displayed and is as follows:

Vacuum Range (Microns)	Resolution (Microns)
0 to 140	0.5
140 to 400	1
400 to 800	2
800 to 2000	5
2000 to 6000	20
6000 to 9000	100
9000 to 16000	200
16000 to 19000	1000
Above 19000	is displayed

Vacuum Range (Pascal)	Resolution (Pascal)
0 to 18	0.05
18 to 50	0.1
50 to 100	0.2
100 to 260	0.5
260 to 800	2
800 to 1200	10
1200 to 2100	20
2100 to 2600	100
Above 2600	is displayed

LOW POWER MODE AND AUTO SHUTOFF

If no alarms are set and no buttons are pushed, the unit will automatically turn OFF to conserve power, as follows:

- No Vacuum is Showing: 10 Minutes
- Vacuum is Showing: 1 Hour

When alarms are set, the unit will turn OFF after 8 hours of operation.

In all modes after 10 minutes of operation, if no button is pressed, the unit will enter a low power mode. In this mode the unit updates the display every 7 seconds, instead of every 0.5 seconds. This extends the battery life about 3 times. To exit the low power mode at any time, press any button on the unit.

VG640D WARRANTY LIMITED TO TWO YEARS FROM DATE OF PURCHASE

Sealed Unit Parts Co., Inc. warrants its products to be free from defects in materials and workmanship under normal use and service. Sealed Unit Parts Co., Inc. will repair or replace without charge any such products it finds to be so defective on its return to Sealed Unit Parts Co., Inc. The foregoing is in lieu of all other expressed or implied warranties, including those of merchantability or fitness for a particular purpose. The foregoing is also the purchaser's sole remedy and is in lieu of all other guarantees, obligations or liabilities or any consequential or incidental damages attributable to negligence or strict liability.

VG640D Digital Vacuum Gauge			
eatures / Benefits Unmatched Resolution (as low ½ Second Response Time (upo Backlit LCD Local Audible and Visual Alarm Radio Frequency (RF) Transmission Signal		 Auto Shut Off Built-in Hanger User Addressable Remote Alarn (R100) available Two Year Warranty 	
/G640D Specifications			
Sensor Type	Thermistor	flows fitting	
Connector Type Vacuum Range	Standard ¹ / ₄ inch male flare fitting.		
Resolution	0 – 19,000 Micron (0 – 2,600 Pascal). Measurement Range Resolution		
nosonation	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	
	9000-16000	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.		
Alarms	Audible and visual alarm for high and low vacuum		
Remote Alarm R100	Up to 400ft remote audible, visual and vibrating alarm		
(Optional)	for high and low vacuum		
Alarm Volume	87 dB for both unit and remote		
Operating Temperature Range			
Overpressure	800 PSI max (55 Bar)		
Power Source	3 AA Batteries		
Battery Life Auto Shutoff	600 Hours continuous usage, with battery indicator. 8 hours when alarms are active.		
Auto Shuton	When alarms are disabled:		
	10 minutes when vacuum reading is above 19,000 Microns		
		reading is below 19,000 Microns	
Weight	6 oz		
Dimensions	5.5" H X 2.75" W X 1	.5" D	
		-	

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