

# DIGITAL VACUUM GAUGES

PERFORMANCE THAT CAN BE MEASURED



## VG100A & VG200 VACROMETER DIGITAL VACUUM GAUGES

### VG100A & VG200:

- Advanced sensor design with self-heated thermistor bridge and automatic temperature compensation
- Field cleanable sensor designed to withstand 400 Psi of positive pressure
- Brass T adapter (AVT45), hanging hook (VGXH) and carrying case (VGXC) included with VG200, VG100A
- Calibrated to strict NIST standards for best-in-class accuracy and reliability
- Designed and manufactured in the U.S.A. with U.S. and globally sourced components

### VG200, VG201:

- Continual digital readout of evacuation process on large, easy to read 5 digit LCD display
- User selectable units: Microns, Torr, in/hg or mBar

### VG100A, VG101:

- Vacuum level indication at Atm (Atmosphere), 5000, 2000, 1000, 500, 250, 100, 50 & 25 microns



Specifications	VG200	VG201	VG100A	VG101
Sensor Type	Self - heated thermistor bridge [with integral temperature compensation from 32 to 122° F (0 to 50° C)]			
Field Cleanable Sensor	Yes			
Accuracy	+/- 10% Of Reading		+/- 10% Value Of Lighted LED	
Display Type	5 Digit LCD		9 High Intensity LEDs	
Display Auto-Off	After 5 Minutes Of Operation			
Operating Vacuum Range	Atmospheric pressure to 0 microns		Atmospheric pressure to 25 microns	
Maximum Working Pressure	400 Psig			
Operating Temp Range	Compensated (accuracy as stated): 32°F - 122°F (0°C - 50°C) Non-compensated: Add +/- 0.5% error for every °C outside compensated range			
Storage Temperature	-22° F to 185° F (-30° C to 85° C)			
Operating & Storage Humidity	0 - 95%, Non-condensing			
Power Source	One 9V Alkaline Battery (ANSI 1604AC – IEC 6LR61), included			
Battery Life	20 hr continuous use		18 hr continuous use	
Battery Indicator	Battery symbol with 3 segment Power Level Bar Graph		Symbol for 500 Microns Glows	
Weight (Excluding Battery)	5.5 oz (156 g)		4.8 oz (136 g)	
Dimensions	2.7" dia. by 1.6" Dp x 5" H (68 mm Dia. x 40 mm Dp x 124 H)			
Mechanical Connection	Standard 1/4" female SAE refrigerant hose w/core depressor	1/8" NPT thread connection	Standard 1/4" female SAE refrigerant hose w/ core depressor	1/8" NPT thread connection

## GAUGE ADAPTERS

The AVT45/48/87 are premium built brass adapters. The AVT45 is included for use with the VG100A & VG200 (purchased separately for VG201 & VG101) and has a 1/4" SAE male to 1/4" SAE male to 1/4" SAE swivel female tee.



### VACUUM GAUGE ACCESSORIES & SPARE PARTS FOR VG200, VG201, 100A, VG101

AVT44	1/4" SAE female hex nut x 1/4" SAE male x 1/4" SAE male w/cap & core
AVT45	1/4" SAE female knurl nut x 1/4" SAE male x 1/4" SAE male w/cap & core
AV87	1/4" SAE male x 1/2-20" SAE female x 1/2-20" SAE male tee adapter
VGXC	Carrying case for VG Series (Included with VG100A & VG200)
VGXH	Hanging hook for VG Series (Included with VG100A & VG200)



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