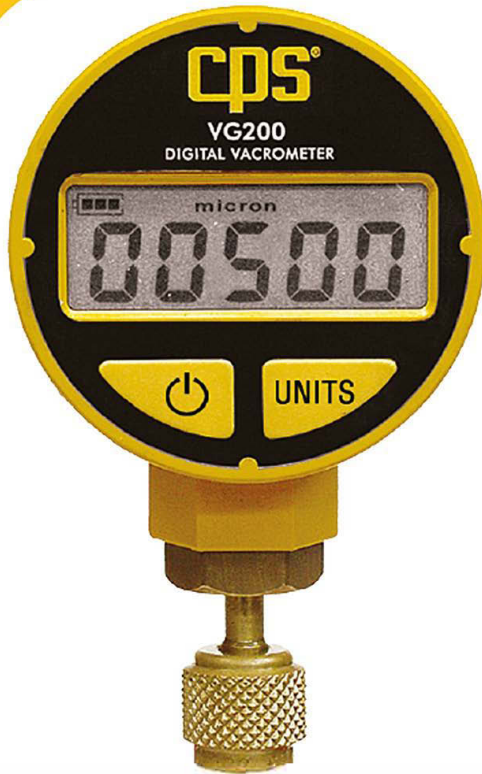


# CPS<sup>®</sup>

# VACROMETER<sup>™</sup>

## Electronic Vacuum Gauges



VG200



VG100A



Connect directly to vacuum pump to ensure performance



A hanging hook, carrying case and AVT45 brass adapter (included)

### KEY FEATURES

- Individually calibrated to strict NIST standards with accuracy of  $\pm 10\%$  of reading
- Incorporates surface mount technology for exceptional performance and reliability
- Advanced circuit design automatically compensates for ambient temperature changes
- Selectable measurement units in Microns, Torr, in/hg or mBar (VG200)
- Field cleanable sensor with extended range from atmosphere down to 1 microns

INNOVATIONS IN DESIGN<sup>™</sup>

Advanced surface mount technology automatically compensates for ambient changes in the environment ensuring accuracy and consistency in performance. Field-cleanable sensor is able to withstand 400 PSI of positive pressure. Unit operates 25 hours on 9V alkaline battery with built in low battery indicator and auto-off feature. Units include a carrying case, hanging hook, AVT45 brass adapter and 9V battery.



### VG100A

Nine discrete high intensity LED's are preset to illuminate upon achieving industry standards for proper system evacuations.



### VG200

Advanced measurement instrument providing continual digital readout of evacuation process on large 5 digit LCD. Measurement units are user selectable to read in Microns, Torr, in/hg or mBar at the touch of a key.



|                              |   |
|------------------------------|---|
| SENSOR TYPE                  | Self-heated thermistor bridge with integral temperature compensation from 0 to 50 °C (32 to 122 °F)   |
| OPERATING PRESSURE RANGE     | Atmospheric pressure to 1 micron. Maximum Working pressure: 400 PSIG  |
| BURST PRESSURE               | 3000 PSIG   |
| OPERATING RANGE              | Atmospheric to 1 micron   |
| ACCURACY                     | +/- 10% of Reading  |
| OPERATING TEMPERATURE RANGE  | Compensated (accuracy as stated): 0°C TO 50°C (32°F TO 122°F) Non-compensated (add +/- 0.5% error for every °C outside compensated range): 0 to 50°C (-22 to 158°F) |
| OPERATING & STORAGE HUMIDITY | 0-95%, non-condensing   |
| STORAGE TEMPERATURE          | - 40 to 185°F / - 40 to 85°C  |
| POWER SOURCE                 | One 9 volt alkaline battery (included)  |
| BATTERY LIFE                 | 25 hours of continuous use. Auto-off after 10 minutes   |
| WEIGHT                       | 5.5 oz. / 153 g. excluding the battery  |
| DIMENSIONS                   | 68 mm. diameter by 40 mm. deep by 124 mm. overall height (2.7" dia. by 1.6" deep by 5" overall height)  |
| MECHANICAL CONNECTION        | Standard 1/4" female SAE refrigerant hose type with core depressor  |
| BATTERY INDICATOR            | Battery symbol with 3 segment Power Level Bar Graph (VG200)   |