KLEEN FLO™

Digital Vacuum Gauge

Installation & Operation Manual

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Content of Package

- Vacuum Gauge (Wall Mount)
- AC Wall Transformer with 6 feet wire ending with a water-tight connector
- 3” of 1/8” tubing connecting a filter to the Vacuum Gauge
- 6’ of 3/16” Tubing with a 3/16" Brass Hose Barb x 1/8" Male NPT

Other Models

If Technician Model Vacuum Gauge is preferred, see KF# 17916.

General Information

The Wall Mount Model is designed for continuous monitoring of the vacuum system. It can measure up to 28" Hg of vacuum.

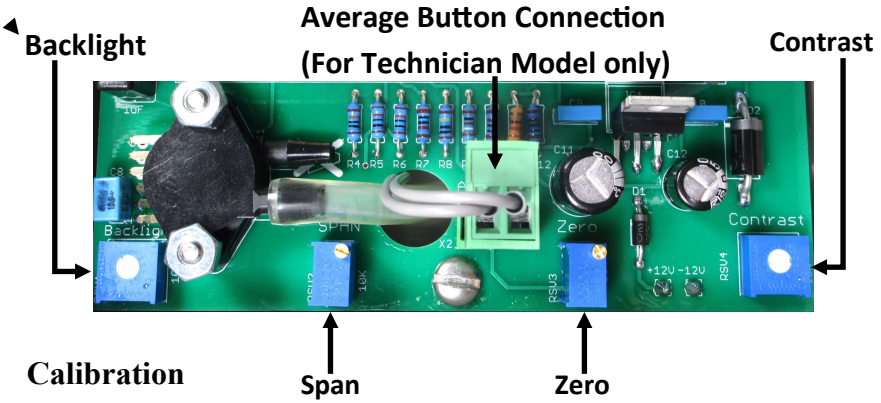
Features

- Quick-connect for power from an AC wall transformer (Included) Output; 9-26VDC
- Graphic LCD
- Large readable display with adjustable contrast and backlight
- Optional unit of measure: InchesHg or KPA
- Resolution: 0.01" Hg or 0.1KPA
- Full Vacuum Range: 29.5" (Approx. –1 to 28.5") or 100 KPA
- Easily calibrated in the field
- Unit is filter protected

Operation

To power, plug the black plug into the black connector on the bottom of the unit , then plug the wall transformer into a 120VAC wall outlet. Wall transformer supplies 12.5V DC. Unit can accept anywhere from 9–26V DC.
Connect vacuum to the bottom side of the Disk Filter that is attached to the unit. Important! Unit should never be operated without a filter. While the filter is not essential to the operation of the unit, it will prevent unwanted objects / moisture from entering the unit! Open the lid and adjust the back light and contrast to the desired setting. (See picture below.)

Turn Backlight pot clockwise for brighter, counterclockwise for darker.
Turn Contrast pot clockwise for more visible, counterclockwise for less

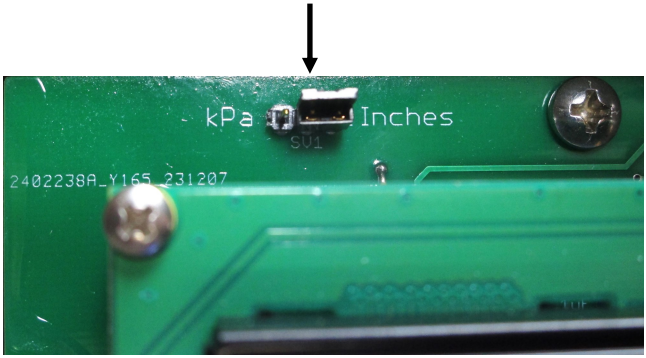


Calibration

Unit is factory calibrated. If calibration is needed: Calibrate the gauge using the zero and span pots. (See picture above.) With no vacuum applied the Screen should display 0.00” Turn zero pot clockwise to increase, counterclockwise to decrease. Apply 12” or higher of vacuum, use a calibrated meter to verify the vacuum level. Adjust span to match known level, clockwise to increase, counterclockwise to decrease. Repeat procedure until display is accurate at 0.00” and at high vacuum.

KPA

To display KPA on the screen, move the jumper on the top left corner of the board from Inches to KPA. (See picture below)



Cleaning

Unit is water resistant, but not waterproof. Do Not submerge or spray the unit with water or any kind of liquid. Clean with a damp cloth using a mild soap and water solution.
(Only on the outside of the unit)

Parts List

Part# Description

17915 - Circuit board only for Vacuum Gauge

17921 - Disk Filter

P02513NP - 3/16" ID x 5/16" OD Clear Kuritec Plastic Tubing

P02511NP - 3/16" Brass Hose Barb x 1/8" Male NPT

P02910NP - 1/4” Barbed Bulk Head Connector

888.880.3933

Technical Support

610.273.7016

or

888.768.3928

920.602.6724

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