

ROBINAIR

DIGITAL VACUUM GAUGE

AC/Refrigeration System Evacuation

EASY AS 1 - 2 - 3



Connect, Measure, Test

Robinair proudly introduces one of the most sophisticated Digital Micron (vacuum) Gauges available for field service. Packaged in the same convenient case as our successful Digital Pressure gauges, this stand alone gauge is compact and can be used anywhere.

The RAVG-1 employs a sophisticated MEMS Pirani type sensor that directly measures flow. Unlike all other field service gauges on the market, the RAVG-1 is NOT affected by temperature.

The RAVG-1 measures vacuum from Atmosphere to 10 microns in 6 different scales, and can withstand overpressure beyond 30 bar. The unit employs an industry first multi-color backlight that functions as an instant go/no go indicator of acceptable vacuum or leakage.

FEATURES

- ✓ High Resolution and unique backlight indicator make precision readings easy
- ✓ Patent Pending design, employs a sophisticated MEMS Pirani sensor
- ✓ Range from Atmosphere down to 10 microns
- ✓ Measure vacuum in Microns, mmHg, inHg, mBar, Pascals or Torr
- ✓ Extremely accurate at low micron levels
- ✓ Impact and water resistant case with protective Rubber boot
- ✓ Rapid response to changes in vacuum
- ✓ Large easy to read 5 digit display
- ✓ Auto shut off feature prolongs battery life
- ✓ Battery powered
- ✓ Integrated "magnetic" hook
- ✓ Includes carrying case and tee adapters or in-line connections (1/4" MFL x 1/4" MFL and 1/4" FFL x 1/4" MFL versions)



3 color backlight display.





DIGITAL VACUUM GAUGE

AC/Refrigeration System Evacuation

**First time introduction:
3 color backlight display offers at one
glance the vacuum process status**



1. Yellow
Decreasing
Vacuum
(-Measurement)



2. Green
Correct Vacuum
is achieved

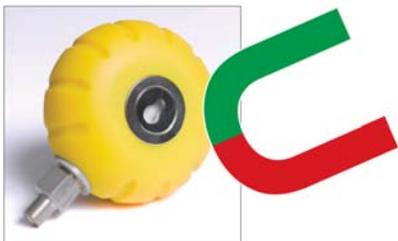


3. Red
Moisture or a
Leak

RAVG-1 Specifications

Operating Range	Atmosphere to 10 Microns
Resolution	As low as 5 Microns/ 0.005mmHg/0.002inHg/ 0.007mBar/0.66Pa/0.005Torr
Accuracy	As low as +/- 5 % of RDG
Over pressure	~ 31 Bar/450 psi
Measuring Units	Microns/mmHg/inHg/ mBar/Pa/Torr
Display	5 digit STN LCD, 50 x 30 mm with tricolor LED backlight
Power Supply	3 x size "AAA" 1,5 V Batteries
Input Connection	1/8"-27 NPT Male

Highlight:
Integrated "Magnetic Hook" or connect to a manifold.



Easy as 1 - 2 - 3

14-05 © 2014 Bosch Automotive Service Solutions LLC. All rights reserved. Because of ongoing product improvements, we reserve the right to change design, materials, and specifications without notice. Certain kits may require additional cables or adapters. Product shipped may differ from photo(s) shown.