



TIF 9450D

Replacement Parts (supplied with product)	Part Number
Sensing Probe Assembly	TIF 9453
Connector hose with Filter	TIF 9454

## TIF 9450D Digital Micron Gauge

- Patented sensor technology – requires no calibration for fluctuating ambient and/or sensor housing temperatures
- Not affected by the specific gas being evacuated
- Liquid Crystal Display (LCD) –
- Reads 500.000 to 200 microns
- Dual power supply – 9 V battery or A/C adapter (not included)
- Three foot sensor cord
- Built into ABS Carrying Case

Specifications	
Range	500,000 to 200 microns (auto ranging)
Resolution	100/10/1 microns
Vacuum fitting	1/4" FFL
Power Supply	9 V battery or 9 VDC optional adapte
Battery Life	8 hours (Alkaline)
Probe Cord Length	92 cm
Operating Temp	0° to 52° C (32° to 125° F)



RA 14010A

Replacement Parts (supplied with product)	Part Number
Replacement Thermistor Tube	RA 17162

## ROBINAIR 14010A Thermistor Vacuum Gauge

- Large analog meter – clearly marked for easy reading of micron levels
- Indicates actual vacuum level in the system
- Measures from 25.000 to 0 microns
- Two operation modes – select between the null method for greatest accuracy or direct meter reading for continuous monitoring of the evacuation process
- Proven bridge circuit compensates for changes in ambient temperature from -1° to 49° C (30° to 120° F) and also for variances in battery voltage
- Rugged Carrying Case, protects unit during transit and use

Specifications	
Range	25,000 to 0 microns
Vacuum Fitting	1/4" FFL
Power Supply	6 x 1,5 V "C" cell batteries

Optional Accessories	Part Number
Optional A/C Power Adapter	RA 17160 (115 V / 60H z)

## ROBINAIR 14830A Thermistor Vacuum Gauge

- Solid state instrument – constantly monitors and visually indicates vacuum level
- Measures from 25.000 to 50 microns
- 10 segment – LCD screen, can be read in direct sunlight
- No adjustments or calibrations required for atmospheric pressure or altitude
- Includes 60 cm (24") connector hose
- Durable Carrying Case, protects the instrument and has a built-in storage compartment

Specifications	
Range	25.000 to 50 microns
Vacuum Fitting	1/4" FFL
Power Supply	4 x 1,5 V "D" cell batteries



RA 14830A

## ROBINAIR 14777 Compact Electronic Thermistor Vacuum Gauge

- Compact, pocket-size – 64 x 76 mm (2,5" x 3")
- Takes guess work out of evacuation – accurately indicates when system is ready for recharge
- Designed for use under high vacuum, reads down to 10 microns
- Easy-to-read LCD, automatically registers smaller numeric segments as system pulls down
- 6' long lead and magnetic mounting strip – allows for convenient, easy to read, positioning

Specification	
Range	25.000 to 10 microns
Vacuum Fitting	1/4" FFL
Power Supply	9 V battery (included)



RA 14777



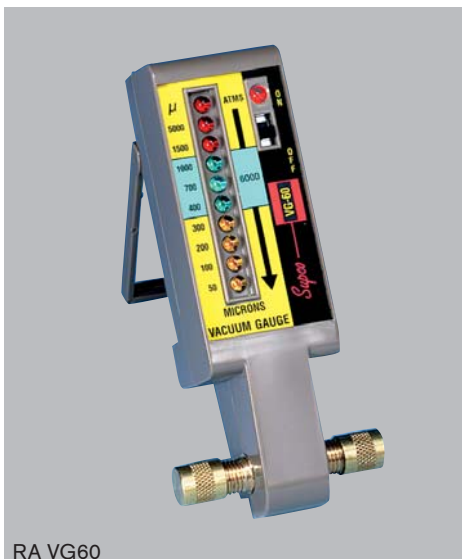
RA VG64

- Easy to use
- LCD-Display allows easy readings
- Sensor type: Thermistor
- 1/4" connections
- Power supply: 9 V Battery
- Rugged plastic case
- Convenient built-in hanger
- Cleaning pat provides quick cleaning and drying of sensor

## ROBINAIR VG64 Digital Vacuum Gauge

A durable self-contained battery powered vacuum gauge with LCD-Display. Allows reading from 12.000 to 0 microns. The unique design of the RA VG64 allows in-line connection through the system or directly at the vacuum pump.

Specifications	
Dimension	135 x 75 x 40mm
Connections	1/4" MFL
Power Supply	9 V Battery
Sensor Type	Thermistor
Response Time	0,5 sec.
Units	Micron, psi, InHg, Millibar, Pascal, Torr, Millitor
Battery Life	Approx. 30 hours
Automatic Shutt Off	After 10 minutes of vacuum readings are above 12000 microns
Resolution	0-200: 1 micron 201-500: 5 micron 501-1000: 10 micron 1001-2000: 50 micron 2001-5000: 250 micron 5001-8000: 500 micron 8001-12000: 1000 micron
Accuracy	±10 % of reading
Maximum Pressure	20 bar / 300 psi
Operating Temperature	2° to 52° C



RA VG60

## ROBINAIR VG60 Vacuum Gauge

A durable self-contained battery powered vacuum gauge which displays the level of vacuum on a LED color coded read our. Allows for reading in 10 segments from 12.000 to 50 microns. The unique design of the RA VG60 allows in-line connection through the system or directly at the vacuum pump.

- Dimension: 140 x 45 x 40 mm
- Connections: 1/4" MFL
- Power Supply: 9 V Battery
- Sensor replacement not necessary, just clean it!
- Single switch operation, no adjustments required
- Low Battery Indicator
- Color coded LED display
- Built-In hanger and stand support for remote connections
- Rugged plastic case