The YELLOW JACKET® Refrigeration System Analyzer (RSA) features a full color graphics display for intuitive, easy reading. The display reads in analog, digital or a combination of both, and monitors two pressures, two live temperatures, subcooling and superheat, and saturation temperatures (liquid and vapor) for nearly 100 NIST refrigerants.

- Identify refrigerant “favorites” for faster access
- Built-in pressure/temperature chart reference screen for all refrigerants
- Built-in full scale vacuum sensor reads deep vacuum down to 10 microns
- Dual K-Type temperature-compensated sensor ports allow for simultaneous suction and liquid readings
- High accuracy and resolution pressure transducers
- Provides real-time pressure data in selectable time increments: 0.1, 0.2, 0.5, 1 and 2 seconds
- Automatic superheat and subcooling calculations
- Corresponding bubble point and dew points for current high side and low side pressures, respectively
- Displays and records max/min pressures
- Data logging for onscreen review or USB export to PC to generate performance/Excel™ work reports
- Tracks and exports date and time, useful for data logging
- Elevation may be entered manually for accurate, automatic pressure compensation
- Press key in set-up menu to zero pressures
- Two-year warranty
- Made in the U.S.A.

Comes in a blow-molded carrying case complete with a TITAN™ 4-valve test and charging manifold, battery holder (AA Size, 2X4), instrument boot, bumper, plug, and sensor/probe boots, USB cable, vacuum sensor and two “K-Type” clamp probes.

Specifications:

- Pressure sensing resolution (low and high sides):
  - 0.1 psi, 0.01 bar, 0.1 kPa, 0.01 kg/cm²
- Pressure sensing accuracy:
  - 0.5% of full scale at 25°C
  - 1% of full scale at 55°F to 130°F
  - 2% of full scale -40°C to 120°C
- Working pressure (maximum measurable pressure):
  - Low side: 0 - 350 psia
  - High side: 0 - 700 psia
- Proof pressure (low and high sides): 1000 psi
- Burst pressure (low and high sides): 1500 psi
- Temperature display range: -100 to 600°F (-73 to 315°C)
- Temperature display resolution: 0.1°F or °C
- Temperature accuracy: ±1.8°F (±1°C)
- Vacuum display resolution:
  - Shows two most significant digits in microns
    (25xxx-10xxx, 99xx-10xx, 99x-10x, 99-10)
  - Other units are direct conversions from the micron value
- Vacuum accuracy: 20% of reading
- Operating temperature: -4 to 122°F (-20 to 50°C)
- Storage temperature: -20 to 170°F (-29 to 77°C)
- Dimensions: 8.3” wide x 6.7” tall x 3.6” deep
  (21 cm x 17 cm x 9 cm) excluding manifold
- Weight: 3.2 lb (1.45 kg) excluding manifold
- Power: AA batteries (8); alkaline, NiCd, NiMH, A-A Lithium, Li Ion, Li Pol (approximately 20 hours of continuous use with industrial alkaline batteries)

<table>
<thead>
<tr>
<th>UPC #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>40812</td>
<td>RSA with TITAN™ 4-Valve Manifold</td>
</tr>
<tr>
<td>40813</td>
<td>RSA with TITAN™ 4-Valve Manifold, 60” PLUS II Charging Hoses (RYB) with compact ball valve end, and 3/8” Str. fl. x 3/8” 45° (Y)</td>
</tr>
<tr>
<td>40815</td>
<td>RSA with TITAN™ 4-Valve Manifold and 60” PLUS II Charging Hoses (RYB)</td>
</tr>
</tbody>
</table>

Replacement Parts

- 40819 Vacuum Sensor Cord (cord only)
- 40820 Battery Holder, “AA” Size, 2X4
- 40821 Boot
- 40823 Battery Door
- 40824 Bumper, Plug, & Sensor/Probe Boots
- 40827 USB cable
- 40828 General Purpose Bead Type 10 ft. (3.05 m) Probe
- 69101 Vacuum Sensor with Cord
- 69217 1-3/8” Clamp “K-Type” 10 ft. (3.05 m) Probe