

Mini Refrigeration System Analyzer



The new YELLOW JACKET® Mini Refrigeration System Analyzer brings digital capabilities to your existing analog brass manifold at an economical price. It monitors one pressure and one live temperature then displays automatic superheat and subcool calculations for nearly 100 refrigerants. No other digital manifold offers these features for one low price:

- Nearly 100 NIST refrigerant profiles included (upgradeable via USB for new refrigerants)
- Automatic superheat and subcooling calculations
- Displays bubble, saturated and dewpoint temperatures
- Easy-to-read graphic display with backlight
- Internal single brass manifold

- Refrigerants “favorites” set up
- Elevation may be entered manually for accurate, automatic pressure compensation
- Includes bead probe
- Two-year warranty

Specifications:

Pressure sensing resolution (low and high sides):

0.1 psi, 0.01 bar, 1 kPa, 0.01 MPa, 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

Maximum working pressure: 0 - 700 psia

Proof pressure: 1000 psi

Burst pressure: 1500 psi

Temperature sensor range: -100 to 600°F (-73 to 315°C)

Temperature display resolution: 0.1°F or C°

Temperature accuracy: ±1.8°F (±1°C)

Operating temperature: -4 to 122°F (-20 to 50°C)

Storage temperature: -20 to 170°F (-29 to 77°C)

Dimensions: 4.3” wide x 7.9” tall x 3.3” deep

(11 cm x 20 cm x 8.4 cm)

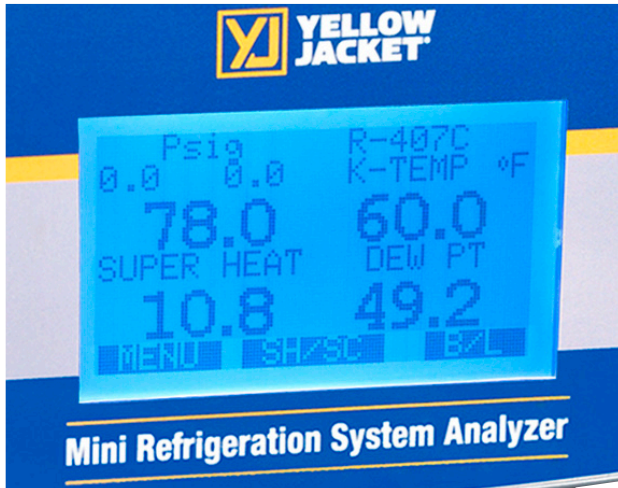
Weight: 1.17 lb (.53 kg)

Power: 9V Alkaline

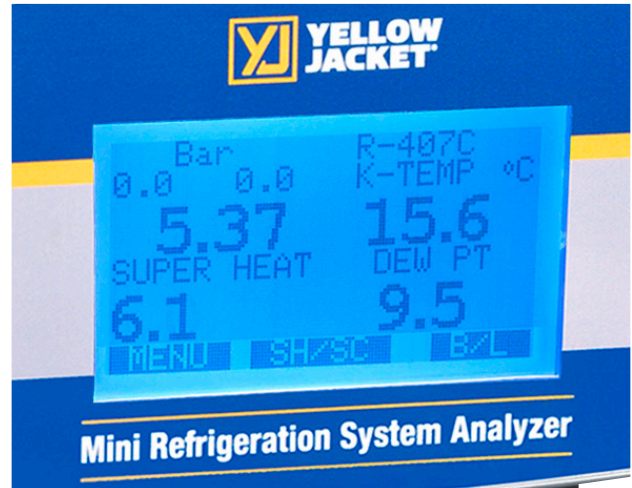
Battery Life: 25 hours continuous use

UPC #	Description
40852	Mini Refrigeration System Analyzer
Replacement Parts	
40828	Temperature Probe (4 meter)
40856	Port Seals
40857	Battery Door
40858	Hose Assembly
41041	Yellow Handle
41063	Screens (4-pak)
41133	Valve Piston
41134	Valve Feed Screw
41135	Valve Retaining Nut

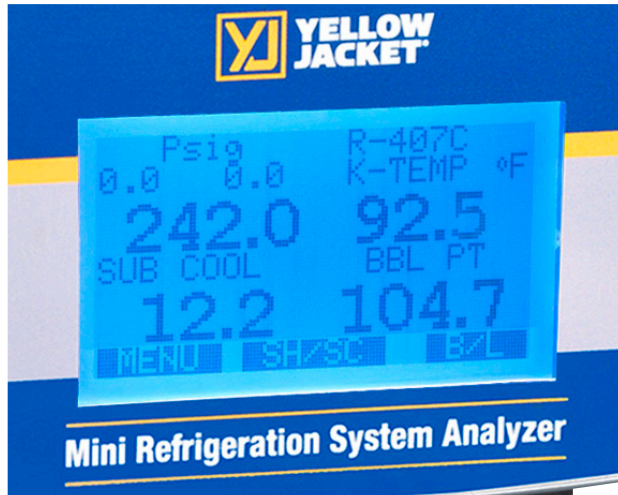
Screenshots



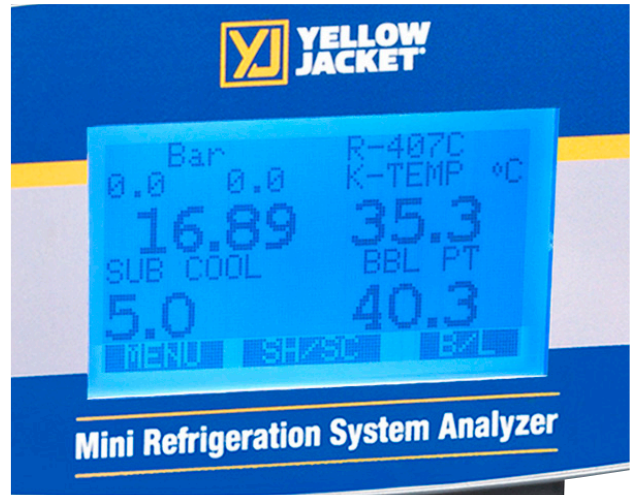
psi - Superheat



bar - Superheat



psi - Subcool



bar - Subcool

Assembled in USA 

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