

# CO<sub>2</sub> Transcritical Test and Charging Manifold with Quick Couplers




45930

Carrying Case Included

## Manifold and hoses designed specifically for transcritical CO<sub>2</sub> (R-744) applications.

The **YELLOW JACKET® TITAN® Test and Charging Manifold** for transcritical CO<sub>2</sub> systems is constructed with a forged aluminum alloy body making it lightweight for easy handling and durability. No sight glass for added safety.

### FEATURES & BENEFITS

- High and low side CO<sub>2</sub> quick couplers for equipment fitted with low loss snap couplers
- Large, easy-to-read 3-1/2" (90 mm) liquid-filled red and blue, 1% accuracy (Class 1) gauges; psi/bar
- Proven double o-ring piston for reliability and long service life
- Exclusive 100 mesh filter in-line on all flare fittings helps keep out particulate material and extends the life of the seats
- Fourth hose to enable connection to hi/lo sides, refrigerant tank, and vacuum pump for diagnostics, evacuation and charging without switching hoses
- 3/8" vacuum port for use with larger hose to cut evacuation time by up to 33% (all other fittings on unit are 1/4")
- Dedicated transcritical CO<sub>2</sub> hose 72" (182 cm) in length
- One-year warranty
- Designed and assembled in the USA 

### SPECIFICATIONS

#### TITAN® 4-Valve Manifold Forged Aluminum Bar

- Precision stainless steel valve feed screws
- Double o-ring for reliability and long service
- No sight glass for added safety
- 100 mesh filter in-line on all flare fittings

#### High Pressure CO<sub>2</sub> (HPC) Black Hoses

- 72" (182 cm) 1/4" SAE
- Operating pressure 1740 psi (120 bar)
- High pressure copper gaskets
- High side CO<sub>2</sub> quick coupler
- Low side CO<sub>2</sub> quick coupler

#### PLUS II™ 3/8" SAE (vacuum application only)

- Operating pressure 594 psi (41 bar)
- Neoprene built-in gaskets

#### Gauges

- Class 1, 3-1/2" (90 mm), oil-filled, pulse-free, liquid-filled gauges
- Low pressure 30" Hg/1500 psi (-1/+105 bar); -60° to 85°F (-52° to 30°C)
- High pressure 0/3000 psi (0/210 bar)

#### Durable Carrying Case



UPC #	Description
45930	CO <sub>2</sub> Transcritical Test and Charging Manifold with Quick Couplers
UPC #	HPC Transcritical Hose
79472	1/4" STR x 45° HPC CO <sub>2</sub> 72" (182 cm) Hose
79510	1/4" STR x 45° HPC CO <sub>2</sub> 120" (304 cm) Hose
UPC #	Replacement Parts
45922	CO <sub>2</sub> 72" (182 cm) Black Replacement Hose (single)
14579	3/8" 78" (200 cm) Yellow Replacement Hose (single)
49193	High Pressure Replacement Gauge
49194	Low Pressure Replacement Gauge
45931	High Side CO <sub>2</sub> Quick Connect Coupler
45932	Low Side CO <sub>2</sub> Quick Connect Coupler


# CO<sub>2</sub> Transcritical Test and Charging Manifold



## Manifold and hoses designed specifically for transcritical CO<sub>2</sub> (R-744) applications.

The **YELLOW JACKET® TITAN® Test and Charging Manifold** for transcritical CO<sub>2</sub> systems is constructed with a forged aluminum alloy body making it lightweight for easy handling and durability. No sight glass for added safety. It features true 45° SAE flare hoses 72" (182 cm) in length.

### FEATURES & BENEFITS

- Large, easy-to-read 3-1/2" (90 mm) liquid-filled red and blue, 1% accuracy (Class 1) gauges; psi/bar
- Proven double o-ring piston for reliability and long service life
- Exclusive 100 mesh filter in-line on all flare fittings helps keep out particulate material and extends the life of the seats
- Fourth hose to enable connection to hi/lo sides, refrigerant tank, and vacuum pump for diagnostics, evacuation and charging without switching hoses
- 3/8" vacuum port for use with larger hose to cut evacuation time by up to 33% (all other fittings on unit are 1/4")
- Dedicated transcritical CO<sub>2</sub> hose 72" (182 cm) in length
- Durable carrying case included
- One-year warranty
- Designed and assembled in the USA 



### SPECIFICATIONS

#### TITAN® 4-Valve Manifold Forged Aluminum Bar

- Precision stainless steel valve feed screws
- Double o-ring for reliability and long service
- No sight glass for added safety
- 100 mesh filter in-line on all flare fittings

#### HPC CO<sub>2</sub> Black Hoses

- (3) 72" (182 cm) 1/4" SAE
- Operating pressure 1740 psi (120 bar)
- High pressure copper gaskets

#### PLUS II™ 3/8" SAE (vacuum application only)

- Operating pressure 594 psi (41 bar)
- Neoprene built-in gaskets

#### Gauges

- Class 1, 3-1/2" (90 mm), oil-filled, pulse-free, liquid-filled gauges
- Low pressure 30" Hg/1500 psi (-1/+105 bar); -60° to 85°F (-52° to 30°C)
- High pressure 0/3000 psi (0/210 bar)

UPC #	Description
45925	CO <sub>2</sub> Transcritical Test and Charging Manifold
UPC #	HPC Transcritical Hose
79472	1/4" STR x 45° HPC CO <sub>2</sub> 72" (182 cm) Hose
79510	1/4" STR x 45° HPC CO <sub>2</sub> 120" (304 cm) Hose
UPC #	Replacement Parts
45922	CO <sub>2</sub> 72" (182 cm) Black Replacement Hose (single)
14579	3/8" 78" (200 cm) Yellow Replacement Hose (single)
49193	High Pressure Replacement Gauge
49194	Low Pressure Replacement Gauge