


CO₂ Test and Charging Manifold



Manifold and hoses designed specifically for transcritical CO₂ (R-744) applications

The YELLOW JACKET® TITAN™ Test and Charging Manifold for transcritical CO₂ systems is constructed with a forged aluminum alloy body making it lightweight for handling ease and durability. No sightglass means added safety. It features true 45° SAE flare hoses 78” in length.

- Large, easy-to-read 3-1/8” (80 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 CO₂ hose 78” (200) cm in length
- Made in U.S.A. 

Specifications:

- Scales: LP 30 in. Hg/1500 psi (-1/+105 bar), -60° to 85°F (-52° to 30°C)
HP 0/3000 psi (0/210 bar)
- 4-Valve forged aluminum body
- Precision stainless steel valve feed screws
- No sight glass for added safety
- Class 1, 3-1/8” (80 mm), oil-filled, pulse-free
- Fittings: (3) 1/4”; (1) 3/8” (vacuum application only)
- Hoses: Three (3) black, 78” (200 cm), 1/4” SAE fittings (45°)
 - > Operating pressure 1740 psi (120 bar)
 - > High pressure copper gaskets
 One (1) yellow, 78” (200 cm), 3/8” SAE fittings
 - > Operating pressure 594 psi (41 bar)
 - > Neoprene built-in gaskets

UPC #	Description
45925	TITAN CO ₂ Manifold with (3) black and (1) yellow hoses
45922	CO ₂ , 78” (200 cm) black replacement hose (single)
45923	Nylon CO ₂ Manifold bag with handle and straps (optional)
14579	3/8” 78” (200 cm) yellow replacement hose (single)
49193	High pressure replacement gauge
49194	Low pressure replacement gauge