

YELLOW JACKET®

TITAN™ Test & Charging Manifold - °C

Forged aluminum alloy body provides increased strength and reliability...



Designed for A/C, Refrigeration and Automotive Technicians

The new TITAN™ Test and Charging Manifold is the first forged aluminum manifold in the industry. The special aluminum alloy construction of the manifold body makes it lightweight for handling ease with the durability and reliability required for repeated use.

Features/Benefits of the 2- and 4-Valve Models

- Large, easy-to-read 80 mm (3-1/8") steel case red and blue, Class 1 (1% accuracy) gauges; front access for easy field recalibration; optional protective gauge boots available.
- Proven, double "O"-ring piston for reliability and long service life.
- **Exclusive** 100 mesh filter in-line on all flare fittings helps block particulates and extends the life of the seat.
- Contoured easy-grip handles for positive control; color coded for ready identification.
- Sight glass to easily view refrigerant movement and condition during charging and recovery.
- Heavy duty hook won't pull out.

Additional Features of the 4-Valve Model:

- Fourth hose enables connection to hi/lo sides, refrigerant tank, and recovery unit or 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%.
- Also available with YELLOW JACKET® 80 mm (3-1/8") red and blue liquid-filled gauges.

TITAN 2- and 4-VALVE MANIFOLDS (no hose)
(80 mm—3-1/8"—Class 1—Red and Blue—°C Gauges)

		2-Valve			4-Valve		
Gauge Scales	Scale	New UPC#	Connections (inches)	Discontinued Bantam UPC#	New UPC#	Connections (inches)	Discontinued Bantam UPC#
R-22/134a/407C	Bar/PSI	49803	All fittings 1/4"	n/a	49903	1/4-3/8-1/4-1/4"	n/a
R-12/22/502	Bar/MPa	49806	All fittings 1/4"	45806	49906	1/4-3/8-1/4-1/4"	45906
R-22/134a/404A	Bar/PSI	49833	All fittings 1/4"	n/a	49933	1/4-3/8-1/4-1/4"	n/a
R-134a/404A/407C	Bar/MPa	49836	All fittings 1/4"	45836	49936	1/4-3/8-1/4-1/4"	45936
R-410A	Bar/PSI	49869	Service: 1/4-1/4-1/4" Hose Holder: 5/16-1/4-5/16"	45869	49969	Service: 1/4-3/8-1/4-1/4" Hose Holder: 5/16-3/8-1/4-5/16"	45969
	Bar/PSI	49870	Service: 5/16-5/16-5/16" Hose Holder: 5/16-5/16-5/16"	45870	49970	Service: 5/16-3/8-5/16-5/16" Hose Holder: 5/16-3/8-5/16-5/16"	45970

YELLOW JACKET®

BRUTE II™ Test & Charging Manifold - °C

Designed for A/C and Refrigeration Technicians

The new BRUTE II™ 4-Valve Test and Charging Manifold is the first large bore forged aluminum manifold in the industry. It has been trimmed down for lighter weight but with the same powerful performance of the original model. The streamlined BRUTE II continues to provide the flow that's proven faster than any conventional manifold. And even though sleeker and more compact, the aluminum alloy is forged for strength and reliability with 3/8" bores through the body to speed the job.

Other Features and Benefits:

- Fourth hose enables connection to hi/lo sides, refrigerant tank, and recovery unit or vacuum pump for diagnostics, evacuation and charging without switching hoses.
 - 1/4" hi/lo sides with 3/8" vacuum port for regular jobs;
 - 3/8" hi/lo sides with 1/2" vacuum port for the larger systems.
- Large, easy-to-read 80 mm (3-1/8") red and blue steel case, Class 1 (1% accuracy) gauges with protective boots; front access for easy field recalibration.
- 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 life of the seat.
- Contoured easy-grip handles for positive control; color coded for ready identification.
- Sight glass to easily view refrigerant movement and condition during charging and recovery.
- Heavy-duty hook won't pull out.
- Also available with YELLOW JACKET® 80 mm (3-1/8") red and blue liquid-filled gauges.

Forged aluminum alloy body with full 3/8" bore for faster vacuum and charging...



BRUTE II 4-Valve Manifolds (no hose)
(80 mm—3-1/8"—Class 1—Red and Blue—°C Gauges)

Gauge Scales	UPC#	Connections (inches)	Scale
R-12/22/502	46120	Service: 1/4-3/8-1/4-1/4" Hose Holder: 1/4-3/8-1/4-1/4"	Bar/MPa
R-134a/404A/407C	46130	Service: 1/4-3/8-1/4-1/4" Hose Holder: 1/4-3/8-1/4-1/4"	Bar/MPa
R-22/134a/404A	46140	Service: 1/4-3/8-1/4-1/4" Hose Holder: 1/4-3/8-1/4-1/4"	Bar/PSI
R-22/134a/407C	46150	Service: 1/4-3/8-1/4-1/4" Hose Holder: 1/4-3/8-1/4-1/4"	Bar/PSI
R-410A	46160	Service: 1/4-3/8-1/4-1/4" Hose Holder: 5/16-3/8-1/4-5/16"	Bar/PSI
	46170	Service: 5/16-3/8-5/16-5/16" Hose Holder: 5/16-3/8-5/16-5/16"	Bar/PSI

Ritchie Engineering Company, Inc.
10950 Hampshire Avenue South
Bloomington, MN 55438-2623 U.S.A.
Phone: 952-943-1333 Fax: 1-800-322-8684
Intl. Fax: 952-943-1605

U.K. Distribution Center

Ritchie Engineering Company, Inc.
Unit 10, Riverview Business Park
Friarton Road, Perth, PH2 8DF
Phone: 00-44-(0) 1738-459-020
Fax: 00-44-(0) 1738-443-712

Ritchie
ENGINEERING COMPANY INC.
www.yellowjacket.com

Distributed by:

realcold

0800 11 66 90 sales@realcold.co.nz www.realcold.co.nz

©2005 Ritchie Engineering Company, Inc.
04/05 IWG Printed in U.S.A.