

1-800-GRAINGER (472-4643)

Digital/Wireless App Manifolds



YELLOW JACKET

ManTooth gauges provide a wireless connection to your smart device so you can test without losing refrigerant (no hoses or manifolds required). Calculate and display pressure, temp., superheat and sub-cooling on your device. Screenshots feature lets you save and share readings. Rechargeable battery and USB cable included. 39DM72 includes a case. 48WE24 includes dual non-tethered pressure/temperature gauges, 2 wired temperature clamps, and 1 interchangeable vacuum gauge.

PARKER

Lightweight wireless sensors can sync with a smart device app so you can read and display a system's real-time pressure and temp., plus display superheat and sub-cooling without using hoses or manifold gauges. Case included.

TESTO

All include a large back-lit digital display, sight glass, and batteries. Included case, except for 39DM73.

39DM73—Includes 60 refrigerant profiles.



39DM72



45TY46
(Phone not included)

21C649—Internal vacuum sensor, data logging and printing capabilities, and a third probe port. Simultaneous superheat and sub-cool calculations and 40 refrigerant profiles (more are downloadable). Includes 2 NTC temp. clamps and USB cable.



21C649

Description	Refrigerant Compatibility	No. of Valves	Accuracy	Gauges		Brand	Mfr. Model	Item No.
				High-Side Red	Low-Side Blue			
ManTooth Wireless Digital, P/T Dual, Rubber Boot (Tethered)	—	—	+/-0.5-1-2%	—	—	Yellow Jacket	67002	36WG62
ManTooth Wireless Digital, P/T Dual, Rubber Boot (Non-Tethered)	Multiple Refrigerants	—	+/-0.5-1-2%	—	—	Yellow Jacket	67003	39DM72
ManTooth Wireless Digital, P/T/V Dual, Side Grip	2	2	+/-1.00%	0 to 700 psi	0 to 700 psi	Yellow Jacket	67023	48WE24
Smart Service Tool Kit, Wireless	0	2	+/-0.75%	0 to 700 psi	0 to 300 psi	Parker	SSTK-PARKER	45TY46
Testo 549 Digital Manifold	2	2	+/-0.5-1-2%	0 to 870 psi	0 to 870 psi	Testo	0560 0550	39DM73
Testo 570 Digital Manifold with Data Storage	4	—	—	0 to 725 psi	0 to 725 psi	Testo	0563-5703	21C649



3KU65



4PDG1



12H946

Manifold Gauge Sets

Yellow Jacket—Manifolds offer 60" UL high-pressure hose sets. Aluminum 4-valve manifolds feature 3/8" vacuum port and exclusive 100 mesh filter within each flare fitting to keep out particulate material and extend seat life. All manifold bodies have lifetime manufacturer's warranty. Gauges offer 1% full scale accuracy and polycarbonate crystal cover to prevent face damage. 3/8" gauges have Flutterless technology. Gauges are adaptable to other industry manifolds.

JB Industries—20HK13 and 36P061 feature full-flow design for faster evacuation and charging. 14X855 and 14X854 have internal metering ball valves for liquid charging; no liquid charging adapter required. Most have 3/8" gauges with 3-refrigerant scales; 14X858 features 4" gauges with 4-refrigerant scales. Class 1. 35YX49 and 36P061 have secure seal fittings.

Imperial—Precision flutter- and pulsation-resistant gauges with protective boots. PolarShield high-pressure UL Recognized barrier hoses. 2-valve manifolds are brass; 3- and 4-valve manifolds are aluminum. 4-valve manifolds feature 3/8" vacuum port. 1YNU9 has integrated liquid low side charger.

Dayton—All units include 72" hose sets. 4PDF8, 4PDF7, and 4PDG1 use flutter-resistant dry gauges.

No. of Valves	No. of Hoses	Hose Length	Refrigerant Compatibility	Gauges		Brand	Mfr. Model	Item No.
				High-Side Red	Low-Side Blue			
Analog Manifolds								
2	0	—	Multiple Refrigerants	—	0 to 350 psi	Yellow Jacket	93853	33NT65
2	3	60 in	R-407C, R-422D, R-438A	0 to 500 psi	30 in Hg to 350 psi	JB Industries	M2-22831	20HK13
2	0	—	R-404A, R-407A, R-407C	0 to 800 psi	30 in Hg to 500 psi	JB Industries	M2-25515	36P061
2	3	36 in	R-12, R-22, R-502	0 to 500 psi	30 in Hg to 350 psi	Imperial	496-C	6X639
2	3	60 in	R-134A, R-22, R404A	0 to 500 psi	30 in Hg to 250 psi	Imperial	443-C	36J595
2	0	—	R-134A, R-22, R-404A	0 to 500 psi	30 in Hg to 120 psi	Yellow Jacket	42005	29AU08
2	3	60 in	R-134A, R-22, R-404A	0 to 500 psi	30 in Hg to 120 psi	Yellow Jacket	42006	29AU09
2	3	72 in	R-12, R-22, R-502	0 to 500 psi	30 in Hg to 350 psi	Dayton	4PDF8	4PDF8
2	3	72 in	R-134A Automotive	0 to 500 psi	30 in Hg to 120 psi	Yellow Jacket	49847	1WL63
2	3	72 in	R-134A Automotive	0 to 500 psi	30 in Hg to 350 psi	Dayton	4PDF7	4PDF7
3	3	36 in	Multiple Refrigerants	0 to 800 psi	0 to 500 psi	JB Industries	22733	415G08
4	4	60 in	R-12, R-22, R-502	0 to 800 psi	30 in Hg to 350 psi	Imperial	621-C	1A216
4	4	60 in	R-134A, R-22, R-404A	0 to 500 psi	30 in Hg to 350 psi	JB Industries	26133	14X855
4	4	60 in	R-134A, R-22, R-404A	0 to 800 psi	30 in Hg to 350 psi	Yellow Jacket	49987	29AU17
4	4	60 in	R-134A, R-22, R404A	0 to 500 psi	30 in Hg to 250 psi	Imperial	843-CS	36J594
4	4	60 in	R-134A	0 to 500 psi	30 in Hg to 350 psi	Imperial	631CKP	3XL15
4	4	60 in	R-134A, R-404A, R-507	0 to 500 psi	30 in Hg to 350 psi	Imperial	651-C	3KU72
4	4	78 in	CO2	0 to 3000 psi	30 in Hg to 1500 psi	Yellow Jacket	45925	423N92
Analog Manifolds, R-410A Compatible								
2	0	—	R-22, R-404A, R-410A	0 to 800 psi	30 in Hg to 350 psi	Yellow Jacket	42001	29AU07
2	3	60 in	R-22, R-404, R-410A	0 to 600	-30 to 500	JB Industries	22233	35YX48
2	3	60 in	R-22, R-404, R-410A	0 to 600	-30 to 500	JB Industries	22246	35YX49
2	3	60 in	R-22, R-404A, R-410A	0 to 800 psi	0 to 350 psi	Yellow Jacket	49867	12H947
2	3	60 in	R-22, R-404A, R-410A	0 to 800 psi	0 to 350 psi	Yellow Jacket	42004	38D864
2	3	60 in	R-22, R-404A, R-410A	0 to 800 psi	30 in Hg to 350 psi	JB Industries	M2-5-410A-SS	36P060
2	3	60 in	R-22, R-404A, R-410A	0 to 800 psi	30 in Hg to 500 psi	Imperial	421-C	3KU65
2	3	60 in	R-22, R-407C, R-410A	0 to 800 psi	30 in Hg to 800 psi	Yellow Jacket	42044	10M827
2	3	60 in	R-22, R-404A, R-410A	0 to 800 psi	30 in Hg to 500 psi	JB Industries	M2-22231	2LHR9
2	3	60 in	R-22, R-404A, R-410A	0 to 800 psi	30 in Hg to 500 psi	JB Industries	M2-5-410A	3TRA6
2	3	60 in	R-22, R-404A, R-410A	0 to 800 psi	30 in Hg to 500 psi	JB Industries	24233	3TRA7
2	3	72 in	R-22, R-407C, R-410A, R404A	0 to 800 psi	30 in Hg to 600 psi	Dayton	4PDG1	4PDG1
2	3	60 in	R-410A	0 to 800 psi	30 in Hg to 800 psi	Yellow Jacket	42024	10M823
2	3	60 in	Multiple Refrigerants	0 to 800 psi	30 in Hg to 500 psi	CPS Blackmax	MBHPSE	406D47
3	3	60 in	R-22, R-404A, R-410A	0 to 800 psi	30 in Hg to 500 psi	Imperial	718-CC	1YNU9
4	0	—	R-22, R-404A, R-410A	0 to 800 psi	30 in Hg to 350 psi	Yellow Jacket	46010	29AU19
4	4	60 in	Multiple Refrigerants	0 to 800 psi	30 in Hg to 500 psi	CPS Blackmax	MV4H4P5EZ	406D50
4	4	60 in	R-22, R-410A, R404A	0 to 800 psi	30 in Hg to 500 psi	Imperial	846-CS	36J596
4	4	60 in	R-22, R-404A, R-410A	0 to 800 psi	30 in Hg to 500 psi	JB Industries	25233	3TRA8
4	4	60 in	R-134A, R-22, R-404A, R-410A	0 to 800 psi	30 in Hg to 400 psi	JB Industries	25708	14X858
4	4	60 in	R-22, R-410A	0 to 800 psi	30 in Hg to 350 psi	Yellow Jacket	49977	10M813
4	4	60 in	R-22, R-404A, R-410A	0 to 800 psi	30 in Hg to 500 psi	Imperial	644-C	3KU64
4	4	60 in	R-22, R-404A, R-410A	0 to 800 psi	30 in Hg to 500 psi	JB Industries	26200-310	14X854
4	4	60 in	R-22, R-404A, R-410A	0 to 800 psi	0 to 350 psi	Yellow Jacket	49967	12H946
4	4	60 in	R-22, R-404A, R-410A	0 to 800 psi	30 in Hg to 350 psi	Yellow Jacket	49968	29AU14
4	4	60 in	R-22, R-404A, R-410A	0 to 800 psi	30 in Hg to 350 psi	Yellow Jacket	46013	29AU20