

Testers

HYDRAULIC

200,300
and 750 l/min



HT200



HT50A

200 , 300 AND 750 L/MIN IN-LINE HYDRAULIC TESTERS

- Accurately measure oil flow, pressure and temperature on in-plant equipment, forklifts, machine tools and more.
- Temperature and flow readings are in Metric and English, accurate to within $\pm 2\%$ of full scale.
- Dual pressure gauges for high and low pressure readings; low pressure gauge is automatically shut off and protected as pressure rises beyond its maximum reading.

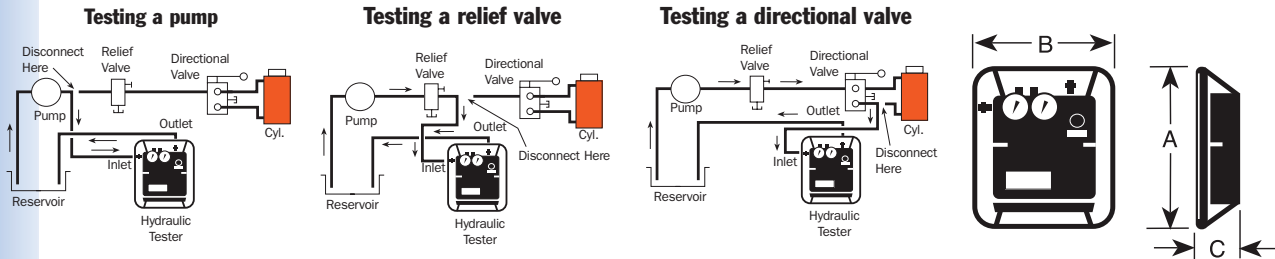
- Automatic pressure compensating feature lets you increase flow without affecting pressure setting.
- Reverse flow through tester will not cause damage; replaceable safety disc ruptures if pressure exceeds upper limit.
- Solid state voltage regulator eliminates errors caused by voltage change during testing.
- Troubleshoots systems with capacities to 750 l/min at pressures less than 350 bar. Accurately measure oil flow to $\pm 5\%$, pressure to within 2% and temperature readings within 1%.

- Pressure gauge is liquid filled to dampen system pulsation.

For more precise low pressure readings, an optional dual pressure gauge kit is available. Consult factory.

No. HT50A – Hydraulic circuit tester with single liquid filled pressure gauge, 0-5000 psi, 0-350 bar. Includes two adapter unions for 3/4" male NPTF fittings. Wt., 16,8 kg

HYDRAULIC TOOLS



Order Number	Max Flow (l/min)	Flow Ranges (gpm) (l/min)	Max. Oper. Pressure (psi) (bar)	Temp. Scale Range (°F) (°C)	Port Sizes	Weight (lbs.) (kg.)	A in. (mm)	B in. (mm)	C in. (mm)
HT50A	200	— 0-50 0-200	5,000 345	20-240 -6 to 114	1 ¹ / ₈ -1 ¹ / ₂ UN Female "O" Ring with Union Adapt. 3/4" Female NPTF	30.3 16.8	12 ¹ / ₄ (311)	6 ¹ / ₄ (159)	10 (255)
HT75	300	High Low 15-75 3-15 50-300 10-60	5,000 345	100-250 40-120	3/4" NPT Swivel	18.2 8.6	13 ³ / ₄ (349,25)	11 ⁷ / ₈ (301,62)	5 ³ / ₄ (146,05)
HT200	750	High Low 25-200 5-40 100-750 20-150	5,000 345	100-250 40-120	1 ¹ / ₂ "* SAE Split Flange	28.2 13.6	15 ⁷ / ₈ (403,47)	13 ¹ / ₄ (336,55)	6 ³ / ₄ (171,45)

For a complete listing of accessories for the HT series of hydraulic system testers, consult factory.
*Not included, must be ordered separately.

USE THE 200, 300 OR 750 L/MIN TESTER TO SIMULATE ACTUAL OPERATING CONDITIONS OF THE SYSTEM UNDER TEST

Testing the pump: Operator runs engine at a specific rpm and adjusts tester's pressure compensating valve to simulate a work load. By comparing meter readings with manufacturer specs, proper operation of pump can be confirmed. If oil flow and pressure do not meet specs, the pump is faulty. Or, if test results and specifications agree, the operator will know that the problem is elsewhere in the system and that other tests must be performed. Regardless of the component being tested, hook-up and testing is accomplished in minutes.

NOTE: These hydraulic testers should always be used with the owner's manual/manufacturers' specifications for the system under test.

DUAL GAUGE CONVERSION KIT FOR 50 GPM TESTER.

Provides more precise low pressure readings. Remove pressure gauge block and gauge from tester and replace it with this block. Install high pressure gauge from tester (350 bar) onto this new block.

No. 307281 – Dual gauge conversion kit. Consists of gauge mounting block, pulsation dampener, thermal overload protector, low pressure gauge and gauge protector. Wt. 0,45 kg.



307281 Low pressure gauge calibrated 0-600 psi 0-42 bar.



37045

No. 37045 – Auxiliary power cord. For use with any 12 or 24 volt battery to remotely power tester. Wt. 0,5 Kg. CAUTION: For use on negative ground systems only.

Auxiliary power cords for use with 300 and 750 l/min testers

No. 204990 – Auxiliary power converter. Permits use of 120/230 volt outlet to power tester. Wt. 0,45 kg.

204990



9785
9786
8987
9788



Hoses

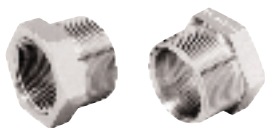
No. 9785 – Hose, 19,1 mm I.D. x 3/4" NPTF male both ends. 3m length. 155 bar working pressure. (2 req'd on 200 & 300 l/min testers) Wt., 3kg. The following hose assemblies are all 4-ply spiral wound wire, 3 m long. For use with 750 l/min testers.

No. 9786 – Hose, 25,4 mm I.D. x 1 1/4" NPT mail both ends. Recommended max. flow 340 l/min, with a working pressure of 280 bar. Wt., 6,3 kg.

No. 9787 – Hose, 31,8 mm I.D. x 1 1/4" NPT male both ends. Recommended max. flow 530 l/min, with a working pressure of 210 bar. Wt., 6.4kg.

No. 9788 – Hose, 38,1 mm I.D. x 1 1/2" NPT male both ends. Recommended max flow 750 l/min, with a working pressure of 150 bar. Wt., 11,4 kg.

203264



Hose reducer bushings

No. 203264 – Consists of two hose reducer bushings, 1 1/4" NPT female x 1 1/2" NPT male end. Needed to adapt No. 9786 25,4 mm I.D. hose and No. 9787 31,8 mm I.D. hose to tester. Wt., 1 kg.

Hydraulic fittings (5,000psi max.) for use with all testers available. Consult factory.