

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.

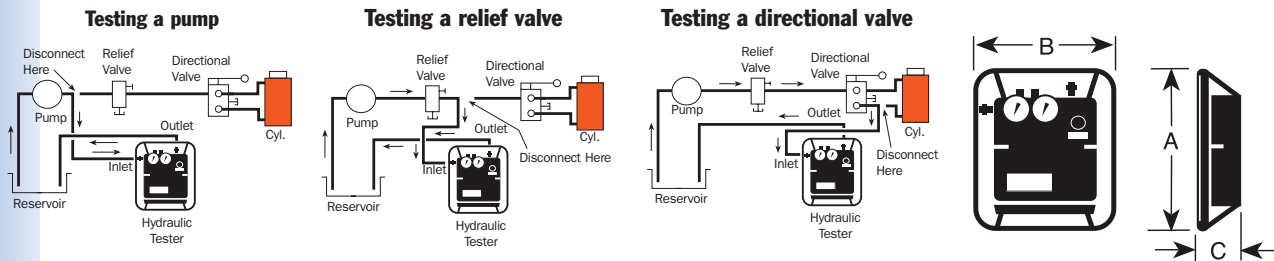
- Automatic pressure compensating feature lets you increase flow without affecting pressure setting.
- Reverse flow through tester will not cause damage; replaceable safety disc ruptures if pressure exceeds upper limit.
- Solid state voltage regulator eliminates errors caused by voltage change during 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.