

FEATURES

- **BENCH MOUNT:** Standard model with stainless steel test chamber with Lexan® shield and frame.
- **AUTOMATED TEST CONTROLS:** Test Pressure, Vent cycle, pressure cycle can be set with timers. Air-actuated ball valves included.
- **BUILT-IN RESERVOIR:** Test chamber has a raised platform with test ports inside the tank. Pump takes suction and drains back to the tank, suitable for all fluids.



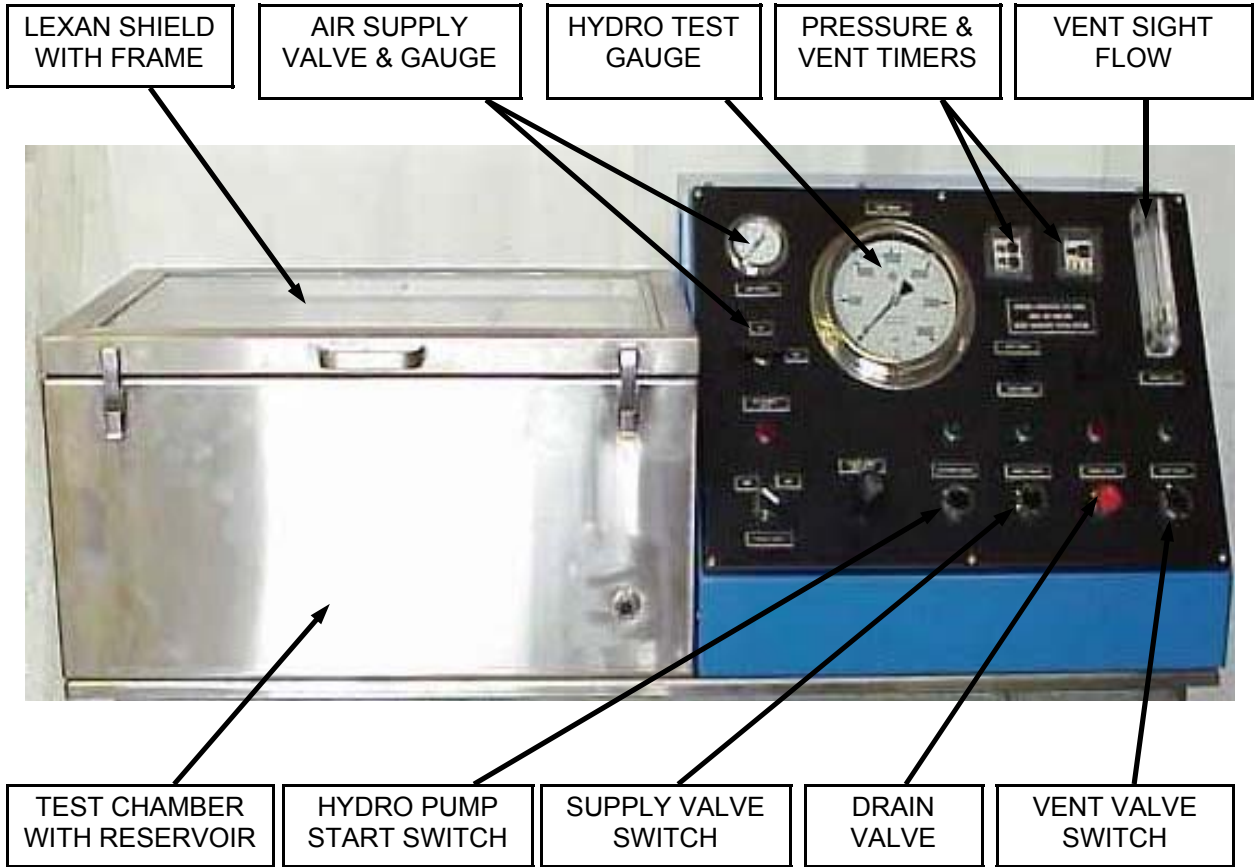
AUTOMATION CONTROLS: The HBT-A Series allows a component to be tested rapidly with preset test pressures, and test duration. Simply connect the component to the test hoses, and press the start button and the tester starts the test. At the end of the test a timer sounds the alarm.

SPECIFICATIONS

PUMP TYPE AND PRESSURE RANGES	Air-driven piston pump, 0-1,000, 0-3,000, 0-6000, & 0-10,000, 15,000, 20,000 PSI.
HYDROSTATIC PRESSURE GAUGE	6" dial all stainless steel, glycerin-filled, 0.5% accuracy, panel mounted all SS, mirror dial.
AIR CONTROL SYSTEM	Panel mounted air supply ball valve, pump regulator, and pump speed control valve.
TEST CHAMBER	Stainless steel tank 28" L x 18" W x 15" H with test tray inside, Lexan shields inside the tank and cover with stainless steel frame and latch.
AUTOMATION CONTROLS	Panel-mounted digital timers, with front panel adjustment, air actuated ball valves, and push-button switches with pilot lights.
HYDROSTATIC TEST HOSE	1/4" High Pressure hose x 24" long up to 10,000 PSI, higher pressures available.
DIMENSIONS & WEIGHT	46" L x 18" W x 25" H, 155 lbs. (approximately, depending on options.)

ORDERING INFORMATION: Specify pressure range, hoses required, test media, other test tank dimensions if required, special test media other than water. Consult factory for details.

SERIES HBT-A SPECIFICATIONS



PUMP FLOW CHARTS (CU.IN./MIN.)*

RATIO	PRESSURE RANGE	FREE FLOW	@ 1000 PSI	@ 2000 PSI	@4000 PSI	@ 10 K PSI	@15 K PSI	@ 20K PSI
10:1	1000 PSI	476	10					
20:1	2000 PSI	305	75	15				
35:1	3500 PSI	158	60	40				
60:1	6000 PSI	98	31	22	17			
100:1	10K PSI	58	40	21	16	8		
150:1	15K PSI	39	28	20	12	7		
225:1	20K PSI	24	18	16	9	6	4	3

* BASED ON 100 PSI SHOP AIR, 15 SCFM FLOW. (MINI PUMP SERIES)