Hydro Technology
High Speed-High Pressure

HYDROSTATIC TEST SYSTEMS

Designed for testing the integrity of pressure vessels such as pipes, fittings, valves, tubes, hoses, cylinders, receivers, etc. and the calibration of instruments, gages, relief valves, pressure switches, transmitters, etc. The testing can take the form of proof-testing, leak testing, burst testing, or fatigue testing. The HTS-94 and the HTS-94 PC are specifically designed with the Technician/Specialist in mind; lightweight and portable, safe and accurate, with all the necessary controls and components self contained. Developed from 30 years of field engineering experience, these state-of-the-art Hydrostatic Test Systems are available from Hydro Technology Systems.
BENEFITS -

- COMPACT, LIGHT WEIGHT & PORTABLE
  (2-Wheeled console - Only 110lbs.) (removable "D" handle)
- SAFE, CLEAN & SIMPLE
  (totally enclosed)
- RUGGED & DEPENDABLE
  (Lubricated air - not Required)
- EASILY SERVICEABLE
  (Hinged & removable service / access door)
- "BLOCK & BLEED" VALVES - STANDARD
- "AUXILIARY" TEST PORT STANDARD
- MANY OPTIONS AVAILABLE
  (Air Hoses)
  (Quick Disconnects)
  (Test Hoses)
  (Test Gauges)
  (Chart Records)
  (Dead-Weight-Testers)
- FULLY RAW WATER COMPATIBLE
  (All wetted parts Stainless Steel)
- PREFILL THRU THE PUMP (LARGE CHECKS)
- WIDE RANGE OF TESTING
  (100 times air drive pressure)
- STAINLESS STEEL PIPING

FEATURES -

- CONSOLE WILL ACCEPTS THE FOLLOWING PUMPS:
  1.5 and 2.2 hp pumps - (1.12 - 1.6KW)
- STANDARD SERVICE PUMPS -
  Pressures to 20,000 PSI (1380 bar) and flow rates to 27 USGPM (1031/min)
  NOTE: STOCK RANGE - 10,000 PSI / (690 BARS), .50 LITERS PER MIN.
- HIGH PRESSURE PUMPS -
  Pressures to 50,000 PSI (3400 bar)
  and flow rates to 60 cu. in/min., (1 l/min)
- EXTREMELY HIGH PRESSURE PUMPS -
  Pressures to 100,000 PSI, (6900 Bar)
  and flow rates to 36 cu. in/min., (0.6 l/min)
- EXPLOSION PROOF;
  (NO ELECTRICAL COMPONENTS)
- EASY ACCESS CONSOLE
- WATER INLET FILTER
- AUTO-DRAIN AIR LINE FILTER
- AIR PRESSURE REGULATOR,
- GAGES (GLYCERINE FILLED)
- MUFFLER/SILENCER
- AIR RELIEF VALVE
- PNEUMATIC TIRES
- NUMEROUS PRESSURE RANGES AND FLOW RATES AVAILABLE, INTERCHANGEABLE PUMPS.
- HOSE RACK

DATA -

- OPERATING TEMPERATURES (PUMPS) DRIVE SECTION -
  +25 thru + 150 F
  (ideal ambient)
- LIQUID SECTION -
  Above freezing to 130 F max.
  for standard model, 275 F max.
  for high temp. model
- COMPATIBLE LIQUIDS -
  Tap water, sea water and deionized/demineralized water
  SPECIAL SERVICE PUMPS: Petroleum base oils,
  diesel fuel, fire resistant hydraulic fluids, petroleum based solvents.
- CONSOLE SIZE:
  30 in. height - (76.5cm)
  16 in. width - (40.8cm)
  19 in. depth - (48.5cm)
- WEIGHT:
  110 pounds (51kg)
- AIR DRIVE PRESSURE
  100psi (7bars) max.
  70-85 SCFM
  (2.0 - 2.43 S cu m/min)
- OPERATIVE MEDIA
  Air, Nitrogen, CO2, Natural Gas