

## HOSE HYDRO TESTING MACHINE



### Model Range Over View

Sr. No.	Model No.	Max. Output Pressure (Bar)	Max Output Flow (LPM)	Drive Air (4-7 Bars) Requirement Flow -SLPM (SCFM)
1	TP-33-MS-21-188	145-689	1.6-5.7	425 (15)
2	TP-200-AW-B10 - B25	69-172	17-6.8	2123(75)
3	TP-200-AW-35 - 150	241-1035	4.0-1.9	1416(50)-849(30)
4	TP-200-ASF-B10-B15	69-103	17-11.4	2123(75)
5	TP-200-ASF-25-100	172-689	6.8-1.9	2123(75) - 1416(50)
6	TP-200-ASF-150	1035	1.1	849(30)
7	TP-200-HSF-202-302	1551-2068	0.8 - 1.1	1416(50) - 849(30)
8	TP-200-DSHF-452-903	3103-5171	0.8 - 0.6)	849(30)

\*There is several other Pressure /Operation requirements are available as per application, please consult factory for the same.

**PURPOSE:** To carry out Developmental, Production or Routine Tests for Proof Pressure or Burst on hoses.

**MEDIUM:** The medium for the tests can be any as desired. Most common one is water.

**HIGHLIGHTS:** The test rig has the following salient operational & safety features

- ✓ Test chamber with transparent lid to view hoses under pressure.
- ✓ Inlet and outlet multiple manifolds, housed in the test chamber, for connecting the hoses under test with intrinsic safety.
- ✓ Facility to test up to three or four hoses, at a time.
- ✓ Ergonomic Operational Panel to facilitate safe operations by single operator. Please see sketch attached.
- ✓ Inbuilt reservoir with sight glass and suction strainer for operational ease and run dry safety.
- ✓ Inbuilt safety relief valve to prevent accidental over pressure and hence intrinsic personnel safety.
- ✓ Last but not the least, proven technology and acclaimed quality standards from **Haskel International Inc.**, USA.

## SYSTEM CHARACTERISTICS

- ❑ **Pre fill:** To facilitate quick and efficient operations, the system has an integral high flow pneumatic or electric pump (220 V AC 1 Ph. 50 Hz) to do the prefill on the test hoses once they are connected inside the test chamber. The gravity feed to the pump can be from a domestic 1½ OD water tap. Discharge pressure into the hoses at 150 to 200 psi.
- ❑ **Pressure Test:** The pressurization of the hoses is done quickly by air driven Haskel Pump.
- ❑ **Control Panel:** The Main Control Panel will have an air as well as electric circuitry with appropriate stop start switches and valves.
- ❑ **Safety Relief Valve:** There would be a manually adjustable but automatic venting safety relief valve to prevent accidental over pressure.
- ❑ **Pressure Gauges:** Large dial pressure gauges to indicate test pressure with adequate

