

101 SERIES

Hydrostatic Test Unit

to suit Haskel M & MS Series with hand pump attachment


TRIDENT AUSTRALIA
 FLUID SYSTEMS & COMPONENTS


Trident Australia Hydrostatic Pressure Test Unit incorporating a choice of Haskel air driven pumps available in ratios from 5:1 to 220:1 for pressures to 25,000 psi.

These units are available with or without a 316SS tank and with a host of options including relief valves.

FEATURES

- 8 litre 316SS tank with removable lid for cleaning, sight glass and drain plug
- Isolation valve to isolate pressure test from pump
- Top quality McDaniel Controls gauges that can be calibrated and repaired when required
- Spare parts for all items on test unit carried at Trident
- We offer aftermarket service and calibration
- For sale or hire

Part number: 101-Pump Series & Ratio-Options
 Eg: 101-MS36-HP

101 Series fitted with MS-36 pump and hand pump

Series	Pump Series	M Ratio	Nominal Outlet Pressure (psi)	Outlet Gauge (psi/bar)	Air Inlet	Liquid Outlet	Options
101	M	-5	500	800	1/4 BSPTF	1/2 NPTF	HP – Hand pump
101	M	-7	700	1,000	1/4 BSPTF	1/2 NPTF	NN – No NPT on HP circuit
101	M	-12	1,200	2,000	1/4 BSPTF	1/2 NPTF	RV – Relief Valve
101	M	-21	2,100	3,000	1/4 BSPTF	1/2 NPTF	SK – Stroke Counter
101	M	-36	3,600	5,000	1/4 BSPTF	1/2 NPTF	WT – Without Tank
101	M	-71	7,100	10,000	1/4 BSPTF	1/4 NPTF	WV1 – Without Isolation Valve
101	M	-110	11,000	15,000	1/4 BSPTF	1/4 MPF	
101	M	-188	18,800	20,000	1/4 BSPTF	1/4 MPF	
101	MS	-7	700	1,000	1/4 BSPTF	1/2 NPTF	
101	MS	-12	1,200	2,000	1/4 BSPTF	1/2 NPTF	
101	MS	-21	2,100	3,000	1/4 BSPTF	1/4 NPTF	
101	MS	-36	3,600	5,000	1/4 BSPTF	1/4 NPTF	
101	MS	-71	7,100	10,000	1/4 BSPTF	1/4 NPTF	
101	MS	-110	10,000	15,000	1/4 BSPTF	1/4 MPF	
101	MS	-188	10,000	20,000	1/4 BSPTF	1/4 MPF	

- Accessories available
 Including Chart Recorders,
 Hoses, Fittings

WHAT YOU NEED.
 WHEN YOU NEED IT.



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Hydrostatic Test Unit



Incorporating 21 different models and a choice of output pressures up to 15,000 psi (1030 bar) this series is the smallest in the Haskel liquid pump range.

Available in a choice of wetted part materials the M-series range provides output flow of up to 3 gpm (12 l/min). A noise reduction modification is available for applications where noise level is an important criteria.

All models operate on an air drive pressure of between 25 and 125 psi (1.8 and 9 bar) and a hand pump option is available for applications requiring precision pressure control or where no air drive is available. Hand pump optional.

Maximum Air Supply 125 psi, Single Air Head

MODEL	RATIO DASH NO.	ACTUAL AREA RATIO	MAXIMUM RATED OUTPUT PRESSURE				DISPLACEMENT/CYCLE		CONNECTION PORTS		
			CONTINUOUS		INTERMITTENT		CU. IN.	M.L.	AIR DRIVE	INLET	OUTLET
			PSI	BAR	PSI	BAR					
M	-5	5.6:1	625	43	625	43	0.83	13.6	1/4"	3/4"	1/2"
M, MS	-7	7.8:1	900	62	900	62	0.60	9.8	1/4"	3/4"	1/2"
	-12	14:1	1,500	103	1,500	103	0.36	5.9	1/4"	3/4"	1/2"
M, MS 29723 ⁽¹⁾	-21	25:1	2,600	179	2,600	179	0.20	3.3	1/4"	3/8"	1/4"
	-36	41:1	4,500	310	4,500	310	0.12	2.0	1/4"	3/8"	1/4"
	-71	82:1	8,800	607	8,800	607	.060	1.0	1/4"	3/8"	1/4"
	-110	126:1	13,500	931	13,500	931	.039	0.6	1/4"	3/8"	1/4"
	-188	217:1	15,000	1,034	15,000	1,034	.023	0.4	1/4"	3/8"	1/4"
MS-220	-220	237:1	-	-	25,000	1,723	.021	0.344	1/4"	3/8"	1/4"

(1) Maximum intermittent pressure for stainless steel in MS and 29723 series pumps is 10,000 psi (690 bar). All port sizes are female NPT (National Pipe Tapered) unless otherwise noted.

Wetted Materials of Construction and Services

MODEL	SERVICES	WETTED MATERIALS		NON METALLICS
		PUMP SECTION	PLUNGERS	
M	[1]	Cad plated steel, Aluminum & SS	416 SS	Urethane, PTFE, Buna
MS	[1] [2]	All SS	316 SS	UHMWPE, PTFE, Buna
29723	[1] [2] [3] [5] [6]	Separation – All SS	Hard Chrome Plated 15.5PH SS + Dichronite	UHMWPE, PTFE, Ryton
MS-220	[1] [2]	15.5PH SS	15.5PH SS	UHMWPE, PEEK, TEFLON, DELRIN

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