

**SPECIFICATIONS "THE STANDARD" MODEL PTS-100**

TOPICS	SPECIFICATION	PROVIDED	OPTIONAL	NOTES
<b>SPEED:</b>				
<b>1 CHAMBER</b>	~ 60 tubes/hr (~480 tubes/8hr shift)	X		Testing 1 tube at a time, 1st tube must be removed from chamber before testing 2nd tube.
<b>2 CHAMBERS</b>	~ 90 tubes/hr (~720 tubes/8hr shift)		X	Testing 1 tube at a time, 2nd tube can be prepared in 2nd chamber while 1st tube finishes test.
<b>TUBE SIZE CAPABILITY:</b>	Min: D 0.300" x 1.250" (D 8mm x 30mm) Max: D 2.375" x 12" (D 60mm x 300mm)			Will run ALL types (LDPE, MDPE, HDPE, Poly Pro, Laminate, Multi-Layer) and more
<b>POWER:</b>				
<b>ELECTRICAL</b>	120 V @ 2 amps*			240 Watts, Low Power, *220v input available
<b>AIR</b>	0.1 cfm@100 psi (0.17m3h@7bar)			Very minimal air is required
<b>DIMENSION:</b>				
<b>WEIGHT</b>	app. 30 lbs. (14kg)			
<b>SIZE</b>	12"x12"x24" (300mmx300mmx600mm)			Table Top Model. Minimal space required.
<b>TUBE LOAD METHOD:</b>				
<b>PRESSURE CHAMBER</b>	Single Pressure Chamber	X		Tube is threaded into chamber top, chamber top is placed onto chamber body. Chamber body is slid into position set by guide pins, test is started on interface screen.
<b>TOOLING</b>				
<b>STANDARD THREADED</b>	For standard 7/8-8 or 5/8-10 threads	1		Most common tube sizes, simple threaded interface.
<b>CUSTOM OR UNIVERSAL</b>	For custom/miniature tubes		X	For custom/miniature thread sizes, for large variety of tubes a universal interface can be created.
<b>PROGRAMMING:</b>				The PTS-100 has a sophisticated user interface screen HMI with the following features:
<b>TEST TYPE</b>	Pressure Hold, Pressure Burst, Hold to Burst	X		Test type is selected depending on user preferences, destructive or non-destructive testing.
<b>TEST SETTINGS</b>	Target Pressure, Target Test Time, or Both	X		Can be set to meet a minimum pressure and/or hold specified pressure for a minimum time.
<b>PHYSICAL DOCUMENTATION</b>	Prints receipt when test completes	X		Information on receipt includes time/date, test type, pressures, test times, and pass/fail for each test.
<b>DIGITAL DOCUMENTATION</b>	Stores all test data to USB Flash Drive	X		Data is written to a .csv file for easy review in spreadsheet format.

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