

DW5011 HYDROSTATIC PRESSURE TESTER



Model No.

DW5011

Application:

DW5011 HYDROSTATIC PRESSURE TESTER is mainly used to determine the resistance of thermoplastics pipes or short-time hydraulic burst to constant internal water pressure at constant temperature. It is applicable to thermoplastics pipes intended for the conveyance of fluids.

Related Standards:

STANDARDS	GB/T6111-2003	ISO 1167-2006	ASTM D1598-2004	ASTM D1599
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Note: this instrument can conform to but not limit to all the standards above, for more standards conformance, please contact us.

Features

- All test positions run automatically and are fully independent, each working at a different pressure;
- High accuracy of pressure control;
- Suitable for small-diameter and also large-diameter specimen;
- Insulated stainless steel lid with pneumatic operation;
- Inner and outer surface of the test tank are made of stainless steel;
- Automatic water level control;
- Double insulation;
- Integrated overheating protection.

Key Specification:

- Operating pressure 0.2~10MPa, (0.2-16MPa, 0.20.2-20MPa selectable)
- Display accuracy of the pressure 0.001Mpa
- Pressure controlling accuracy -1%~+2%
- Timing range 1s~10000h
- Display accuracy 1s
- No. of test positions 3 (or as specified)
- Power supply 3-Phase 380VAC/220VAC

Water tank



Application:

Water tank is necessary equipment for the hydrostatic pressure test and bursting test. This water tank can supply temperature environment for the test of small specimen. The temperature of water is controlled by the control unit according to your temperature set.

Features

- Water tank with stainless steel inside and outside, stainless steel recycle pump and heaters ensure the high quality of tank.
- High quality insulating layer
- Separate cooling system refrigerate inside and heat elimination outside
- Automatic water compensation function ensure the uniformity of temperature
- Automatic startup system for water tank lid with the advantage of safety and efficiency.

Key Specification:

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|-----------------------------------|---|
| ● Temperature range | RT~ 95°C |
| ● Accuracy of temperature control | ±0.5°C |
| ● Heating medium | soften water or filtered purified water |
| ● Power supply | 220V AC, 50Hz |

End caps



Application:

The end caps are mainly used in the hydrostatic pressure test and negative pressure test for the radial seal. It can be applied on the pipe or the fitting of PE, PVC, PP-R.

Features

- Stainless steel with corrosion resistance
- Simple structure but high sealing and easy operating
- Automatically centering to hold the pipe firmly
- It can be fit for all pressure unit and water tank

Key Specification:

Specification DN	Max External diameter (mm)	Weight of one end cap (Kg)	Overall length with pipe (mm)	Nominal pressure (MPa)	Safe pressure MPa
10	33	0.4	300	12	20
16	33	0.4	350	12	20
18	36	0.4	350	12	20
20	38	0.5	350	12	20
25	43	0.5	350	12	20
32	50	0.7	460	10	14
40	77	0.76	460	10	14
50	87	0.9	475	10	14



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63	100	1.1	500	10	14
75	125	2.2	550	10	14
90	145	3.3	580	10	14
110	172	5.0	600	8	11
125	190	7.1	720	8	11
140	212	9	780	8	11
160	236	11	860	8	11
180	256	14.7	935	8	11
200	283	17	960	8	11
250	410	27	1230	6	9
315	480	38	1560	6	9
355	545	45	1620	5	8
400	600	50	1650	5	8
450	695	90	1680	5	8
500	764	95	1700	5	8
560	765	130	1710	5	8
630	830	150	1820	5	8

Standard configuration:

No.	Item	Quantity
1	Pressure system	1set
2	Test tank	1set

Optional Accessories:

No.	Item	Quantity
1	End caps (Φ10,Φ16,Φ20,Φ25,Φ32,Φ40,Φ50,Φ63,Φ75,Φ90,Φ110,Φ125, Φ140,Φ160,Φ180,Φ200,Φ225,Φ250,Φ280,Φ315,Φ355,Φ400, Φ450,Φ500,Φ560 and ,Φ630mm)	According to customer's requirement.
2	Computer	1set



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3	Cooling system	1set
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