

Fabric Hydrostatic Pressure Tester

Model: SR-311

Summary:

Hydrostatic Pressure Tester, used for determining the resistance of fabrics (canvas, coated fabrics, cover cloth, rainproof clothing fabrics and geotextile materials) and films to water penetration under pressure while firmly clamped in the test rig of standard area, by means of dynamic test method and static test method. The tank is linked to a test head to which the specimen is clamped quickly and stably by means of an automatic clamp.



After starting the hydrostatic pressure test, the test pressure is automatically controlled; hydrostatic head test result and process is digitally displayed on LCD pane. The test specimen is observed visually for evidence of penetration by water. The test area is well illuminated and an unobstructed observation of the sample is from all sides greatly facilitates the visual drop detection. 100cm² hydrostatic head is included.

Features:

- ※ Touch screen control, Menu in English and Chinese, man-machine dialogue mode, easy to operate.
- ※ Built-in thermal printer, easy to quickly print test results on site.
- ※ The pressure rate is adjustable from 1 to 100kPa/min.
- ※ Adopt high-precision pressure sensor, sensor automatic overload protection, pressure control adopts dynamic feedback adjustment to effectively prevent pressure overshooting.
- ※ Seven test units can be switched freely: Pa, kPa, mmHg, mmH₂O, cmH₂O, PSI, Bar.
- ※ Automatic identification of stop and recording of experimental values for sample fracture in the experimental process.
- ※ Five working modes: pressurization method, constant pressure timing, constant pressure timing, seepage water leakage, flexure test.
- ※ Built-in professional LED lighting device, easy to observe the water drops, and has a water drop record button, can record multiple water drop pressure results.

Specifications :

Model	SR-311-5	SR-311-20	SR-311-50
Test range	100Pa~50kPa	500Pa~200kPa	1kPa~500kPa
Test accuracy	0.2%F.S		
water pressure rise rate	(1~100)kPa/min	(1~100)kPa/min	(1~100)kPa/min
Sample collet area	100cm ²	100cm ²	100 / 7.8cm ² (optional)
Pressure display resolution	0.01kPa		
Sensor test accuracy	≤1% (5% ~ 100% within the full range of a single sensor)		
Working mode	※ Pressurization method ※ constant pressure timing ※ constant pressure timing ※ seepage water leakage ※ flexure testing		
Machine size	600x420x700mm		
Machine weight	About 50KG		
Power supply	AC220V 50Hz 200W		
Test standards	AFNOR G07-057, ISO811, DIN53886, GB/T4744, JISL1092 FZ/T01004, ERT 120-1, 160-0, AATCC 127, etc.		

More Imagines:

What we can test ?



Parachute



Cover Cloth



Protective Suit



Waterproof Gloves



Textile



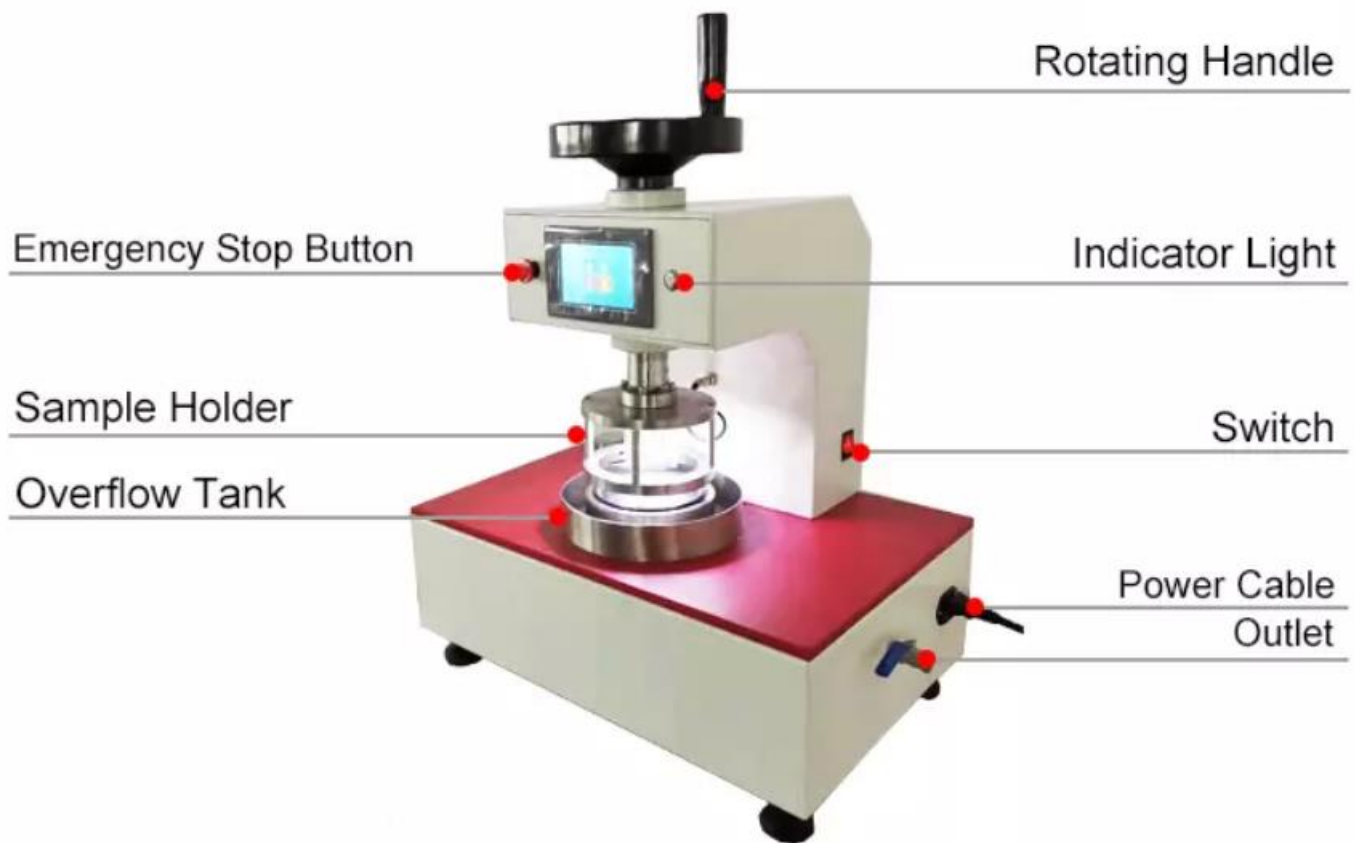
Raincoat



PVC Material



Geotextile



Test Report		Pressure (kPa)	< Home
← Gro 3 →	Sample 1	2.88	↑ Up
Rise Rate	Sample 2	0.00	↓ Down
6 kPa/min	Sample 3	0.00	Print
	Sample 4	0.00	Del
	Sample 5	0.00	Test >
	Average	2.88	



Professional packing

We have professional packaging teams and shipping forwarder to pack and deliver your products safely!

- ❖ Out packing: Standard export wooden case.
- ❖ Inner packing: With careful stretch film wrap products, hard wood board + strong bandage to fix corners.
- ❖ Checking teams: Specialized staff to inspect and classified your goods.



What we produce? (always accept customize)

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|------------------------------|--------------------------|--------------------------------|
| 1. Universal tensile testers | 2. Hardness testers | 3. Environmental chambers |
| 4. Mobile/Laptop testers | 5. Paper&package testers | 6. Abrasion resistance testers |
| 7. Insertion force tester | 8. Color testers | 9. Rubber/plastic testers |
| 10. Fabric testers | 11. Wire testers | 12. Other testers |