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FANYUAN INSTRUMENT (HF) CO., LTD.  
DOWELL SCIENCE & TECHNOLOGY (HK) CO., LTD.  
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## DW1320 VERTICAL WATER PERMEABILITY TEST APPARATUS FOR GEOTEXTILE



**MODEL NO.:**

**DW1320**

## **APPLICATION:**

**DW1320 Vertical Water Permeability Test Apparatus for Geotextile** is used to determine the water permeability/hydraulic conductivity of a single layer of geotextile or geotextile-related product normal to the plane, without load, by the constant head method.

## **RELATED STANDARDS:**

STANDARDS	ISO11058-1999	ASTM D4491-2004	GB/T 15789-2005
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Note: this tester can conform to the constant head method of all the standards above; this tester can conform to but not limit to all the standards above, for more standards conformance, please contact us.

## **FEATURES:**

- Transparent construction, convenient to observe whole processes of test;
- Adjustable water head height;
- Equipped with water cycling system;
- Water flow controlled by water pump control system instead of water tap;

## **KEY SPECIFICATION:**

- |                                       |  |
|---------------------------------------|--|
| ● Style                               | Floor stand  |
| ● Inner diameter of clamps            | $\Phi 52 \pm 0.1 \text{mm}$ , $\Phi 100 \pm 0.1 \text{mm}$ |
| ● Specimen thickness                  | 0.1~10mm   |
| ● Water head height                   | 0~300mm, adjustable and indicated by water level gauge     |
| ● Resolution                          | 1mm  |
| ● Adjusting mode of water head height | Manual   |
| ● Method to keep constant water head  | Constant water flow controlled by water pump               |
| ● Power supply                        | AC220V 50HZ  |
| ● Max. dimension                      | 1520×570×1700mm (L×W×H)                                    |
| ● Weight                              | 170kg  |



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**STANDARD CONFIGURATION:**

No.	Item	Quantity
1.	Main machine	1 set
2.	Water tank	1 pc
3.	Φ52mm sample holder	1 pc
4.	Φ100mm sample holder	1 pc
5.	O-rings	2 pcs
6.	1000ml Measuring cylinder	1 pc
7.	φ130mm Sample cutter	1 pc

**OPTIONAL ACCESSORIES:**

No.	Item
1.	DW1300 Thermostatic Water Tank