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FANYUAN INSTRUMENT (HF) CO., LTD.
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DW1330W WET SIEVE TEST APPARATUS



MODEL NO.:

DW1330W

APPLICATION:

DW1330W Wet Sieve Test Apparatus is used to determine the characteristic opening size of a single layer of a geotextile or geotextile-related product, using the wet-sieving principle. A

quantity of graded granular material is spread on the surface of the geotextile and washed through with water. The geotextile acts as a sieve and the graded granular material, which act as soil and pass the geotextile, is analyzed. The characteristic opening size (O_{90}) of the geotextile corresponds to a specified size of the graded granular material passed (d_{90}).

RELATED STANDARDS:

STANDARDS	ISO 12956	GB/T 17634
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Note: this tester can conform to but not limit to all the standards above, for more standards conformance, please contact us.

FEATURES:

- Suitable to various geotextiles;
- Equipped with spray device to ensure even wetting of the test specimen;
- The specimen is placed on the metal grid to avoid excessive deformation of the specimen under the weight of the granular material;
- Vibrating time is settable;
- Digital display of time.

KEY SPECIFICATION:

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| ● Inner diameter of sieve | $\Phi 176 \pm 1 \text{mm}$ |
| ● Shake frequency | 50Hz |
| ● Vertical amplitude | $1.5 \pm 0.1 \text{mm}$ |
| ● Pressure of spray nozzle | 300kPa |
| ● Water discharge at the pressure of 300kPa | 500ml/min |
| ● Mesh size of grid | $10 \pm 1 \text{mm}$ |
| ● Timer range | 0~99min59s |
| ● Power supply | AC380V 50Hz |
| ● Gross weight | 180kg |
| ● Package dimensions (L×W×H) | Main machine: 81×51×88cm
Spare parts: 55×54×108cm |



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STANDARD CONFIGURATION:

No.	Item	Quantity
1.	Main Machine	1 set
2.	Control Box	1 set

OPTIONAL ACCESSORIES:

No.	Item
1.	HZT Series Electronic Balance
2.	HD101A Series Electrothermal Blast Oven