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FANYUAN INSTRUMENT (HF) CO., LTD.  
DOWELL SCIENCE & TECHNOLOGY (HK) CO., LTD.  
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## DW1330D DRY SIEVE TESTER



Sieve



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## MODEL NO.:

DW1330D

## APPLICATION:

**DW1330D DRY SIEVE TESTER** is used to determine the apparent/equivalent opening size of a geotextile by sieving sized glass beads through the geotextile, using the dry-sieve principle. A geotextile specimen is placed in a sieve frame and sized glass beads are placed on the geotextile surface. The geotextile and frame are shaken laterally so that the jarring motor will induce the beads to pass through the test specimen. The procedure is repeated on the same specimen with various sized glass beads until its apparent opening size has been determined. The apparent opening size ( $O_{90}/O_{95}$ ) of the geotextile corresponds to a specified size of graded glass beads passed ( $d_{90}/d_{95}$ ).

## RELATED STANDARDS:

STANDARDS

ASTM D4751

GB/T 14799

Note: this tester can conform to but not limit to all the standards above, for more standards conformance, please contact us.

## FEATURES:

- Mechanical sieve shaker vibrates smoothly and efficiently;
- Two vibration mode: lateral and vertical;
- Vibrating time is settable;
- Digital display of time.

## KEY SPECIFICATION:

- Inner diameter of sieves  $\Phi 200\text{mm}$
- Sieve material Aluminium
- Number of sieves 5
- Superimposed height of sieves 400mm
- Amplitude 8mm



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- Timer range 0~99min59s
- Lateral vibration frequency 221times/min
- Vertical vibration frequency 147times/min
- Radius of gyration 12.5mm
- Power supply AC380V, 50Hz, 3phase
- Package dimensions 720×440×1,140mm (L×W×H)
- Gross weight 157kg

**STANDARD CONFIGURATION:**

No.	Item	Quantity
1.	Main machine	1 set
2.	Control box	1 set
3.	Standard sieves (installed on main machine)	5 pcs
4.	Pans (installed on main machine)	5 pcs

**OPTIONAL ACCESSORY:**

No.	Item
1.	Spherical glass beads