



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

IN-PLANE WATER DISCHARGE CAPACITY TEST OF PREFABRICATED VERTICAL DRAINS - PVD - ISO 18325

Model No.: GT-123PVD



Compliance Standards

ISO 18325

In-plane Water Discharge Capacity Test is used to determine the in-plane water discharge capacity of prefabricated vertical drains (PVD) under a specified pressure.

The plastic drain board is also drainage material, its section width is 10cm, the thickness is about 5mm. Its quality index is mainly composed of complex and filter membrane tensile strength and longitudinal water.

Follows are In-plane Water Discharge Capacity Test specification .:

- Two components: Main body and Test section ,constant head tank
- constant head tank can adjust the water had easily;
- Test section consists of the base, vertical pole and a constant head tank; a constant head tank can be moved up or down along the vertical pole through the mechanism of hand.
- Adjustable water head difference in water tower;
- Air compressor to supply air pressure 0-300 kpa
- Air regulator to control the supplied air pressure and to allow or stop compressed air into test cell so different cell pressures can be provided;
- All components made of stainless steel and water-proof plastic.

Application of In-plane Water Discharge Capacity Test

In-plane Water Discharge Capacity Test is used to determine the in-plane water discharge capacity of prefabricated vertical drains (PVD) under a specified pressure.

The principle is through the water pump will overflow the water in the tank container such as work, is full of water in the container.

Key specification

Effective length of specimen	400mm
Width of specimen	100mm
Thickness of specimen	4~5mm
Range of head loss	0~400mm, adjustable
Accuracy of head loss	±1mm
Lateral pressure	0~300kPa
Dimensions of main body	1000×600×1825mm (L×W×H)
Dimensions of water tower	260 mm OD × 460mm height
Weight	Approx. 120 kg

Technical Specification

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