

HSTP35 Porosity Testing Machine



(Picture Only For Reference)

1. Application and Features

Used for product simulated hydraulic environment testing.

It uses compressed air as the power source and a gas-liquid booster pump as the pressure source. The input water pressure is 80 times proportional to the driving air source pressure.

By adjusting the driving air source pressure, the corresponding boosted water pressure can be obtained. When the driving air source pressure is balanced with the boosted liquid pressure, the booster pump stops charging and the input water pressure stabilizes at the preset pressure.

Therefore, it has the characteristics of explosion-proof, adjustable output pressure, small size, light weight, simple operation, reliable performance and wide range of use.

2. Standard

GBT 1001.1-2003 "Insulators for overhead lines with nominal voltages above 1000V Part 1 Porcelain or glass

insulator components for AC systems—Definitions, test methods and criteria"

3. Specification

Pressurized medium	water, alcohol
Power source	0.4-0.8Mpa clean compressed air
Output pressure calculation formula	80 times driving air pressure
Maximum test pressure	35MPa
Maximum flow	2.4L/min
Maximum air consumption	1.2M3/min@6.5bar
Compressed air interface	Φ12 quick-plug connector
Liquid high pressure outlet	NP1/4 internal thread
Hyperbaric chamber size	inner diameter 200mm, height 300mm
Holding time requirement	6 hours

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