

AUTOMATIC CONCRETE WATER PERMEABILITY TESTER

STANDARD: EN 12390-8

It is suitable for testing concrete impermeability level, penetration depth and relative permeability coefficient. The equipment does not require any sealing materials during the test, it can automatically seal, pressurize, maintain constant pressure, timing, determine leakage, save data, demould, and monitor in real time. 2 models available.

FEATURES

- Simple operation, stable performance and reliable results.
- No other sealing materials are required, the device seals automatically.
- 15-inch touch screen for operation.
- Automatically generate test reports. Supports export of original records (data storage time capacity ≥ 5 years). Data can be uploaded to the user's testing platform system, and report templates can be customized.



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TECHNICAL SPECIFICATIONS

Model	TPWP-30	TPWP-36
Pressurization method	Bottom-up	
Relative error	$\leq 0.005\text{MPa}$	
Pressure resolution	0.001MPa	
Maximum pressure	1.2MPa	
Constant pressure error	Step-by-step pressurization method: $\pm 0.005\text{MPa}$ / Penetration depth method: $\pm 0.005\text{MPa}$	
Specimen sealing method	Enhanced airtight seal, all specimens can be sealed at the same time, total sealing time $\leq 5\text{min}$	
Specimen sealing material	Special high pressure resistant, wear-resistant material, not easy to be damaged	
Maximum sealing pressure	2.0MPa	
Sealing pressure resolution	0.001MPa	
Display	15-inch touch screen for operation and status display	
Specimen size	$\phi 175 \times \phi 185 \times 150\text{mm} \pm 2\text{mm}$	
Specimen capacity	30 specimens	36 specimens
Lifting drive mode	Servo motor drive	
Power supply	220V 50Hz	
Dimensions	2450×920×1950 (5 layers)	2450×920×2200mm (6 layers)

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