



## UF-2010 Footwear Water Penetration Flexing Tester



### **Product introduction**

Footwear Water Penetration Flexing Tester can be used to test the dynamic waterproof performance of different kinds of finished shoes.

### **Key Feature**

- 1.PLC touch screen, easy to operate.
- 2.Equip with two test positions, separately record test conditions.
- 3.E-stop switch, to avoid any emergency.

### **Principle**

Install finished shoes on test device, and fill the tank with a certain deep of water to touch with shoes. It pushforward the forefoot bending by certain angle and frequency by simulating people

walking in water with shoes, to test bending times required for water penetrate from shoes outside to inside or determine the penetration situation after certain bending times.

It can test a pair of shoes simultaneously and equip with one total setting counter(control total test times), and two separated small counters(display separately bending times of single sample).

If water penetrate into shoes, small counter stops and records the bending times when it stops.

Sensing Method is that determine whether water infiltrate into shoes by electronically sensing.

**Apparatus Function:**

Model	UF-2010
Test sample	2pcs (Respectively sensing)
Bending angle	0~50° adjustable
Test speed	0~150cpm adjustable
Counter	PLC touch screen, 0~999,999
Power	220V 50/60HZ 3A
Dimension (W×D×H)	800×596×1220mm
Weight	150kg
Standards	SATRA TM77 ISO20344- 2011 section 5.15.2