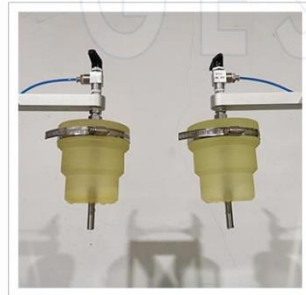
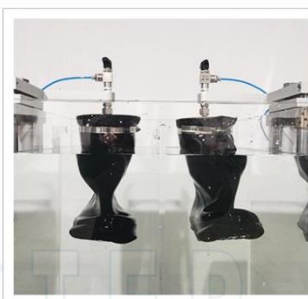


## Test Method: EN ISO 20344

### RESOTECH LEAK PROPFNESS TESTER MODEL NO.RESOTECH SCH-051



Footwear Lining Leakproofness Tester is intended to evaluate that whether the lining of rubber shoes are waterproof.

The machine features a pneumatic clamp and sealing element. The test piece sealed by a rubber collar is immersed into the water bath, and filled with constant pressure air. Bubbles occur once water penetrates the specimen. The test piece will emerge from the water automatically as long as the testing time has been reached.

It can be used in the production line to control and improve the waterproof performance of footwear.

## Features

- Shoe Lining Leakproofness Tester can test two shoes at the same time.
- This instrument is equipped with a pressure gauge to observe the pressure in the shoe, and the pressure injected into the shoe can be adjusted according to the test requirements.
- A footswitch controls the pneumatic fixture, making the operation more convenient.
- The timing can be set arbitrarily within the range of 0 ~ 999s.

## Procedure

Seal the top edge of the test piece, e.g. with a rubber collar through which compressed air may be fed via appropriate connections. Immerse the test piece in a waterbath up to the edge and apply a constant internal pressure of  $(30 \pm 5)$  kPa for 30 s. observe the test piece throughout the test and determine whether there is a continued formation of air bubbles, indicating leakage of air. (conduct the test at a temperature of  $(23 \pm 2)^{\circ}\text{C}$ .)

## Specification

Model	RESOTECH SCH-051
Test Pieces	2 pcs (4 pcs optional)
Length of Grip	220 mm
Grips Travel (Up / Down)	320 mm
Filled Air Pressure	0 ~ 50 Kpa or specified (The air compressor is prepared by the user)
STANDARD	EN ISO 20344
Timer	LED display, 0~999,999
Dimension(W x D x H)	101 x 56.5 x 146.5 cm
Power	1 phase, AC 220 V, 3A or specified