

## Test Method: SATRA TM17

### RESOTECH APPARATUS FOR LEATHER SHRINKAGE TESTER MODEL NO. RESOTECH SCH-046



This method is intended to measure the shrinkage temperature of leather when heated in water. It is applicable to all leather tannage. If a strip of leather is slowly heated in water a sudden shrinkage occurs at a temperature which is characteristic of the tannage. Generally, the higher the shrinkage temperature, the better the heat resistance of the leather, so measurement is for judging the suitability of leather .different footwear manufacturing processes and particularly for moulded-on footwear. The apparatus consists of a vertical sight glass.

### Application

The Leather shrinkage temperature tester is mainly used to determine the shrinkage temperature of leather and fur. The specimen is heated at a specified rate in water until it is shrunk considerably.

## Standard accessories

1000ml beaker	1pc
Power line	1pc

## Option accessories

GT-KD20 Hydraulic Rocker Pressure Tester	with cutting die $(50\pm 2) \times (3\pm 0.2)\text{mm}$ and $(50\pm 2) \times (2\pm 0.2)\text{mm}$
GT-KD07 Leather thickness tester	ISO 2589

## Specification

Model	RESOTECH SCH-046
Beaker	Volume 1000ml, Depth 140mm
Fixed test piece holder	$30\pm 5\text{mm}$ above the base of the vessel
Indicator resolution	0.3%
Temperature rising rate	$2\text{ }^{\circ}\text{C}/\text{min}$
Temperature measurement	Temperature sensor, LCD temperature-control table display
Temperature difference	$\leq 1\text{ }^{\circ}\text{C}$
Sample size	$(50\pm 2) \times (3\pm 0.2)\text{mm}$ or $(50\pm 2) \times (2\pm 0.2)\text{mm}$
Power supply	1 $\phi$ AC 220V 50/60HZ
Dimensions	42x27x86cm (L x W x H) Leather Shrinkage Temperature Tester
Weight	18Kg
Standard	SATRA TM 17 , ISO 3380