

Pipe Size Change Measuring Tester

(Longitudinal Reversion Tester)

Model: CBL-200



1, General introduction

CBL-200 Pipe Size Change Measuring Tester/ Longitudinal Reversion Tester suitable to measure various kinds of plastic pipe or plastic materials size change after heating, or used to heat the test sample. It can be used as a heating oven as well.

Constant temperature tank adopts recycle wind heating, leafiness type centrifugal blower, with big wind and low noise, temperature uniform, stable heating field.

The temperature control system is digital control meter, it's easy operation; and have overheating production function.

Conform with standard ISO 2505.

2, References

ISO 2505

Thermoplastics pipes -- Longitudinal reversion -- Test method and parameters

GB/T 6671 etc.,

3, Principle

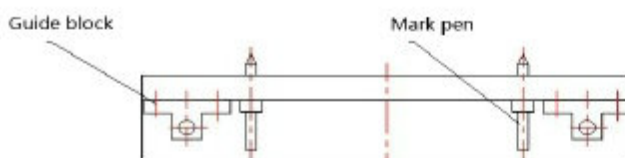
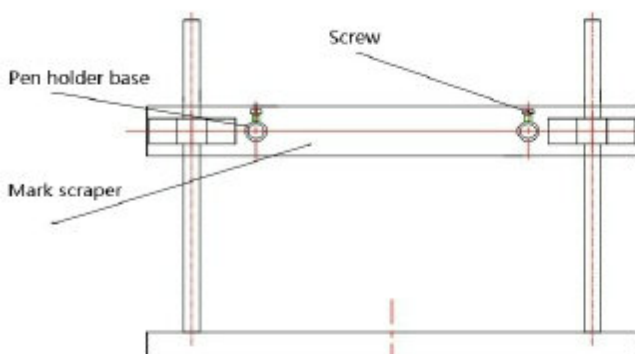
A pipe of specified length is placed in a liquid bath or air oven at a specified temperature for a specified time . A marked length of this portion of pipe is measured, under identical conditions, before and after heating. The reversion is calculated as a percentage of the change in length in relation to the initial length. The surface appearance of the test piece shall not be changed after heating.

4, Main technical specification

Temperature range	Ambient temp. to 200℃
Temperature fluctuation	±1℃
Temperature resolution	±0.1℃
Heating power	1200W
Inner box dimension	400×350×500mm
Oven dimension	740×618×630mm
Time setting range	1~9999min
Power	220V/110V, 50HZ/60HZ, 1 phase
Line marker range	200mm
Over temperature protection device	Yes

5, Main accessories

Item	Quantity
Oven	1 set
Pipe Line Marker	1 set
Glass plate, Square ruler	2 pcs
Documents (Manual, packing list, certificate)	



Pipe line marker