

DW5360 RUBBER PLASTICITY TESTER





Model No.

DW5360

Application:

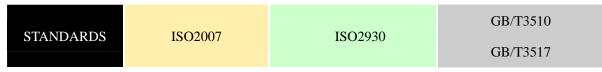
DW5360 Rubber Plasticity Tester is used for rapid determination of the plasticity of raw rubber and unvulcanized compounded rubber, and determination of plasticity retention index (PRI) of raw natural rubber. It consists of main machine, ageing chamber, specimen cutter and thickness gauge.

Plasticity Test: A specimen is compressed between two platens which are maintained at a temperature of 100° C. The specimen is conditioned for 15 seconds at a thickness of 1mm. A compressive force of $100N \pm$ 1N is then applied for 15s. The final thickness of the test piece is the plasticity number.

Plasticity Retention Index (PRI) Test: A specimen is placed in special ageing chamber at a temperature of 140° C for 30mins. Separately determine the plasticity value of unaged specimen (P₀) and aged specimen (P₃₀), then calculate to acquire PRI value.

$PRI = P_{30}/P_0 * 100$

Related Standards:



Note: this tester can conform to but not limit to all the standards above, for more standards conformance,

please contact us.

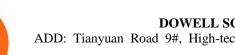
Features:

- 2 test item: plasticity and plasticity retention index (PRI);
- Rapid heating speed, high accuracy;
- Adopt advanced technology, stable performance;
- Easy to operate, convenient to maintain.

Key Specification:

Main machine

•	Temperature	100±0.5℃
•	Load	$100\pm1N$



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•	Power supply	220V
•	Power	150W
•	Dimensions	350×260×380mm
Ageing chamber		
•	Temperature	140±0.5℃
•	Power supply	220V
•	Power	400W
•	Timing	$30 \text{min} \pm 5 \text{s}$
•	Dimensions	580×260×280mm

Standard configuration:

No.	Item	Quantity
1	Main machine	1set
2	Ageing chamber	1set
3	Specimen cutter	1set
4	Thickness gauge	1set

Optional Accessories:

No.	Item
1	