

SKZ131 Rubber vulcanizing Tester

--Rotor-less curemeter



For measuring the unvulcanized rubber characteristics to identify the optimum cure time.

Characters:

1. Imported intelligent digital temperature controller, easy adjust settings, a wide range of temperature control, high control accuracy, stability
2. The analysis system Rotor-less using Windows XP operating system platform, graphical visualization software, a flexible data processing, modular VB language programming methods.
3. High degree of automation.

Standard:

ASTM D5289, ISO6502, T30,T60,T90.

Technical parameters:

1. Temperature range: room temperature ~ 300 °C
2. Warming time: ≤ 15min
3. Temperature Resolution: 0 to 200 °C: 0.1 °C
0 to 300 °C: 1 °C.
4. Temperature fluctuation: ≤ ± 0.5 °C (after feeding)
5. Torque range: 0N.m ~ 10N.m
6. Torque display resolution: 0.001N.m

7. Maximum test time: 120min (modify time during testing)
8. Swing angle: $\pm 0.5^\circ$ (total amplitude of 1°)
9. Body swing frequency: $1.7\text{Hz} \pm 0.1\text{Hz}$ ($102\text{r/min} \pm 6\text{r/min}$)
10. Power: $\text{AC}220\text{V} \pm 10\%$ 50Hz
11. Dimension: $645\text{mm} \times 580\text{mm} \times 1300\text{mm}$ (L \times W \times H)
12. weight: 210kg

Control Software Features

1. Operating Software: English version;
2. Units of selection: kgf-cm, lbf-in, Nm, dN-m;
3. Test data: ML (Nm) minimum torque; MH (Nm) maximum torque; TS1 (min) initial curing time; TS2 (min) initial curing time; T10, T30, T50, T60, T90 curing time; Vc1, Vc2 vulcanization rate index;
4. Test curve: vulcanization curve, temperature curve of the upper and lower mold;
5. Time can be modified during testing.
6. Test data can be automatically saved;
7. Test data and curve can be displayed on a piece of paper, and available at any point on the mouse to select the curve values
8. Can add historical data for comparative analysis and print out.