

## HSTMV-200 ASTM D1646 Rubber Rheometer Mooney Viscometer



*Picture is for reference only*

### Product description:

Computer Mooney viscometer, the temperature measurement and control circuit consists of a measurement and control module, platinum resistance, and a heater, which can automatically track changes in the temperature of the power grid and the environment, and automatically modify PID parameters to achieve the purpose of fast and accurate temperature control. The data acquisition system and the electromechanical chain complete the automatic detection of the torque signal during the rubber test process, and automatically display the temperature value and the set value in real time. After vulcanization is completed, automatic processing, automatic calculation, printing Mooney, scorch curve and process parameters. The computer displays the test process in real time. From above, you can see the change of "temperature" and the change of "time-Mooney" at a glance. It is an indispensable instrument for the recycled rubber, rubber, wire and cable industries.

### Specifications:

|                      |                      |
|----------------------|----------------------|
| Model                | HSTMV-200            |
| Temperature range    | RT~200℃              |
| Temperature accuracy | ≤±0.3℃               |
| Test range           | 0~200 Mooney value   |
| Calibration accuracy | 100±0.5 Mooney value |

|                |                                             |
|----------------|---------------------------------------------|
| Rotor speed    | 2±0.02r/min                                 |
| Measuring time | Scorch: 0~200min<br>Viscosity: 4min or 8min |
| Test pressure  | 11.5KN ±0.5KN                               |
| Air source     | 0.45~0.6MPa                                 |
| Power supply   | AC220V 50Hz                                 |