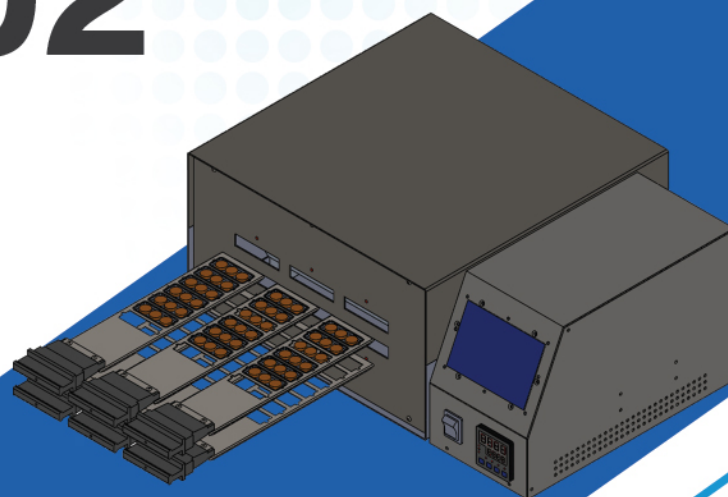




# OVEN OV-02



# APPLICATION

Oven OV-02 is for heating samples of natural rubber in preparation for testing with Plastimeter according to ISO 2007, ASTM D3194-99, BS 903-A59:1990 . Samples are heated at 140°C for 30 minutes. After heating and testing by Plastimeter, plasticity retention Index may be calculated.

## FEATURES

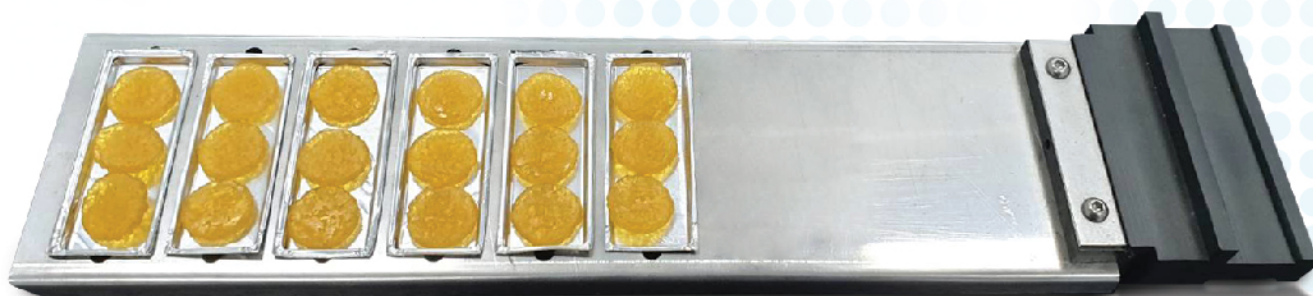
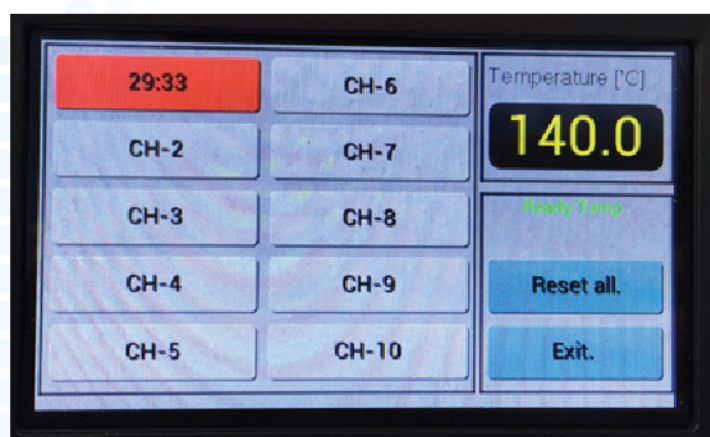
6 heating trays, each tray can accommodate up to 18 pieces of rubber

Can view temperature change in real time by touchscreen

Temperature accuracy of  $\pm 0.2$  C

Control and Display by touchscreen

LED indicates testing status of each tray



<b>REFERENCE STANDARD</b>	ISO 2007, ASTM D3194-99, BS 903-A59:1990
<b>OVEN CONTROL TYPE</b>	PID control
<b>TEMPERATURE RANGE</b>	+ 50°C ~ 180°C
<b>TEMPERATURE SENSOR</b>	RTD PT100
<b>QUANTITY OF SLOTS</b>	6 slots, 6 Sample trays
<b>TEMPERATURE MONITORING</b>	Display show real time temperature of each slot
<b>SIZE OF SLOT</b>	W 64 mm. x L 195 mm. x H 12 mm.
<b>TOTAL SAMPLE</b>	108 pieces (18 pieces for 1 tray)
<b>SIZE OF INNER SPACE</b>	~ 0.9 liter
<b>OVEN TEMPERATURE CONTROL ACCURACY</b>	±0.2°C (~100°C~ 145°C)
<b>TEMPERATURE DISTRIBUTION</b>	±0.2°C (~100°C~ 145°C)
<b>TEMPERATURE RESOLUTION</b>	0.1°C
<b>AIR FLOW</b>	10 Times/hour
<b>OVERHEAT PROTECTION</b>	Thermostat (Overheat protector 220°C)
<b>ELECTRIC POWER SOURCE</b>	AC 220 Volts 10 Amp.1 Phase 50/60 Hz
<b>WEIGHT</b>	33 kg.
<b>OVEN SIZE</b>	W 492 mm. x D 350 mm. x H 204 mm.
<b>USE UNDER ENVIRONMENT TEMPERATURE</b>	5 ~ 40°C
<b>DISPLAY</b>	4.3" Capacitive Touch Screen



# AFTER SALES SERVICE

## MAINTENANCE SERVICES

### Preventive Maintenance Program

We provide Annual Maintenance Program by sending engineers to detect any irregularities and replace worn out parts, preventing sudden breakdown in the future.

### Repair

We dispatch our engineers to solve specific problems in the event of a sudden breakdown. We have enough spare parts in our warehouse. Also, we can provide consultation via telephone or remote access through computer.

## CALIBRATION

The company provides calibration services for testing instruments in the rubber and plastic industries according to ISO / IEC 17025.

