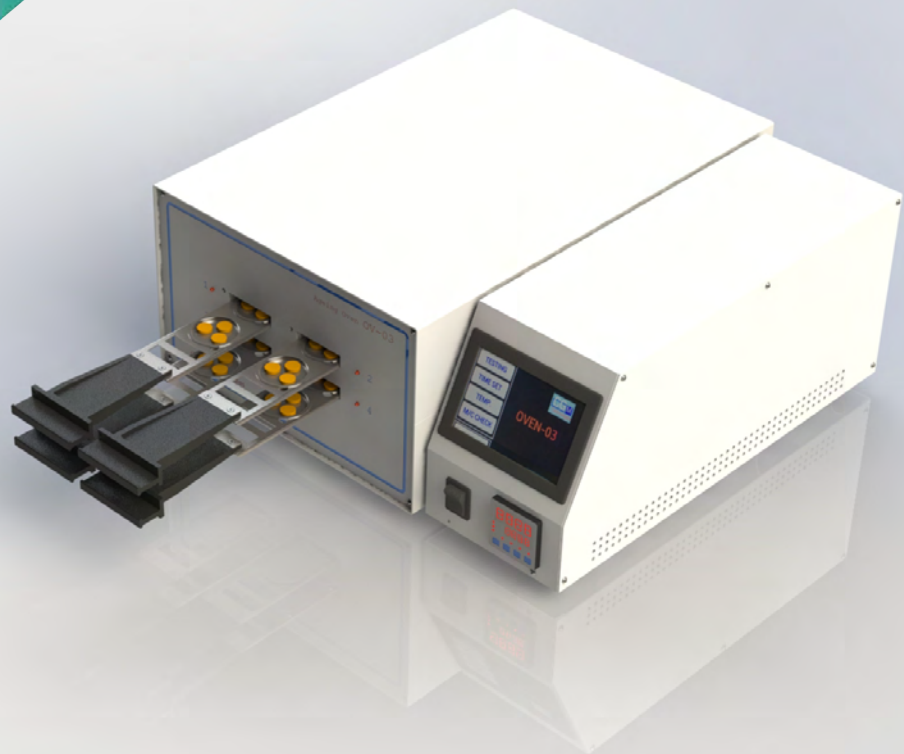




OV-03

# OVEN Plastimeter



# Application

Oven OV-03 is Wallace PRI OVEN Type for heating samples of natural rubber in preparation for testing with Plastimeter according to ISO 2007, ISO 2930:2017(E), 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.

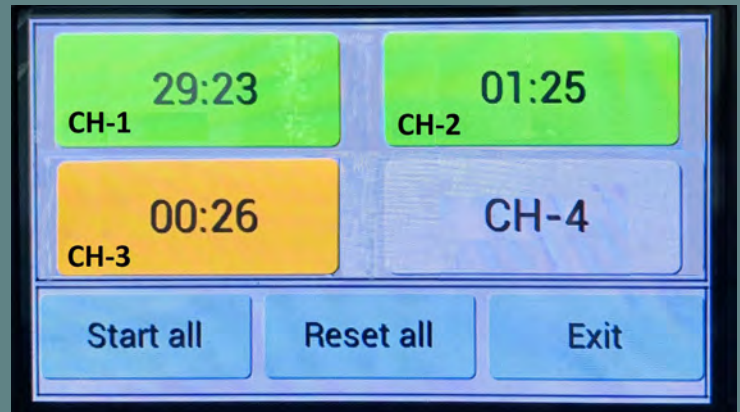
# Features and Function

4 heating slots, each slot can accommodate up to 12 pieces of rubber

Temperature accuracy of  $\pm 0.2$  C

Control and Display by touchscreen

LED indicates testing status of each slot



# Specifications

REFERENCE STANDARD	ISO 2007, ISO 2930:2017(E) ASTM D3194-99, BS 903-A59:1990
OVEN CONTROL TYPE	PID control
TEMPERATURE RANGE	+ 50°C ~ 180°C
TEMPERATURE SENSOR	RTD PT100
QUANTITY OF SLOTS	4 slots
SIZE OF SLOT	W 50 mm. x L 280 mm. x H 12 mm.
TOTAL SAMPLE	48 pieces (12 pieces for 1 slot)
OVEN TEMPERATURE CONTROL ACCURACY	±0.2°C (~ 100°C~ 145°C)
TEMPERATURE DISTRIBUTION	±0.2°C (~ 100°C~ 145°C)
TEMPERATURE RESOLUTION	0.1°C
AIR FLOW	10 Times/ hour
ELECTRIC POWER SOURCE	AC 220 Volts 1 Phase 50/60 Hz, Max Power 1,000 W
WEIGHT	24 kg.
OVEN SIZE	W 450 mm. x D 471 mm. x H 205 mm.
USE UNDER ENVIRONMENT TEMPERATURE	5°C ~ 40°C
OVERHEAT PROTECTION	Overheating alarm (Buzzer&LED flashing) Temperature exceeds the set temp. limit over 10 °C
DISPLAY	4.3" Capacitive Touch Screen

