

# Thermal Block

Thermal regulated Block for the performance of aging tests in air and in liquids of elastomeric materials at temperatures up to 250°C

## Overview

Thermal regulated Block for the performance of aging tests in air and in liquids of elastomeric materials at temperatures up to 250°C conforming to ISO 188, 1817 ASTM D 471 and 865 Standards.

- of 4 glass test tubes
- heating resistance
- PT 100 thermal probe for temperature measurement
- PID thermoregulator
- safety switch to prevent overheating

## Instruments Characteristics

The instrument is fitted with:

- aluminium block contained in a stainless steel housing with thermal insulation with 4 calibrated holes designed for the insertion

## Accessories

Glass tubes with 38 mm diameter and 300 mm length  
Special water-cooled reflux condenser



Standards the instruments complies with	ISO 188, 1817 ASTM D 471 and 865
Test stations	N° 4 glass tubes with 38 mm diameter and 300 mm length. The use of individual test stations eliminate cross-contamination among different products under test
Heating system	The thermal resistance surrounding the round-shaped aluminium block ensures uniform heating of the system
Vapour phase recovery	By condensation with water-cooled reflux condenser
Temperature control range	From room temperature to 250°C (Resolution 1 °C)
Power supply	220 VAC ±10%, 50 Hz ±3, 1A, single phase – Other on request
Dimensions	(W x D x H) 450 x 450 x 900 mm
Weight	15 Kg

