# 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.

**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 of 4 glass test tubes.

- N° 4 glass tubes with 38 mm diameter and 300 mm length
- Heating resistance
- PT 100 thermal probe for temperature measurement
- PID thermoregulator
- Safety switch to prevent overheating
- N° 1 special water-cooled reflux condenser

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| **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.<br>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** | (Width x Depth x Height) 450 x 450 x 900 mm |
| **Weight** | 15 Kg |