

Thermal and environmental ageing

Principle

Treatment of specimens at high temperatures, in air, under nitrogen flux or in vacuum

Capabilities

- Thermal ageing up to 500°C
- Conditioning in atmospheres with specified temperature and relative humidity
- Sterilization cycles to steam

Assets

	Asset	Details
	Ventilated ovens	In air or in nitrogen flux From room temperature to 500°C Temperature ramps can be applied during the test
	Vacuum ovens	From room temperature to 200°C
	Climatic Chamber	From -40 to +180°C, from 10 to 98 % RH
	Autoclave for sterilization	Sterilization cycles in steam at 121 and 134 °C

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