



ThermoBlocks

ThermoBlock General Features

- Five ThermoBlock Sample Preparation System models to choose from.
- Blocks are bored to accept 50 ml or 100 ml tubes.
- Maximum operating temperatures of 210°C, 240°C and 415°C.
- Precise sample temperature control of $\pm 0.2^\circ\text{C}$ with aluminum alloy block and $\pm 1^\circ\text{C}$ with graphite block.
- Corrosion resistant aluminum alloy and graphite blocks.
- ThermoBlocks are ideally designed for heating digestion in fields of chemistry, environment, food, pharmacy, biochemistry, etc.
- Broad operating temperature range with high sample uniformity.
- Accurate temperature control through PID instrumentation.
- Carbolite ThermoBlocks have been accepted and used in EPA Methods which are appropriate for the sample pretreatment for the analysis by AA, ICP-AES and ICP-MS.
- Energy efficient design provides power cost savings.

Heating Mantles

Thermal Mantle General Features

- Eight Thermal Mantle sizes to choose from.
- Accommodate vessels from 50ml to 5000ml.
- Precise digital temperature control.
- Temperature accuracy of $\pm 1^\circ\text{C}$.
- Dual digital display provides setpoint and vessel temperature.
- Maximum operating temperature of 400°C.
- Mantle design provides excellent uniform heat transfer to vessel.
- Temperature controller incorporates thermocouple break protection.
- All models operate on 110 V.



ThermoBlocks and Heating Mantles								
Mantle Model Number	Maximum Temperature (°C)	Vessel Volume (mL)	Temperature Control	Temperature Accuracy	External Dimensions Inches (mm)		Maximum Wattage	Operating Voltage
					Diameter	Height		
DRT-ZN 50	400	50	Digital	+/- 1.0°C	9.00 (230)	6.00 (150)	120	110
DRT-ZN 100	400	100	Digital	+/- 1.0°C	9.00 (230)	6.00 (150)	130	110
DRT-ZN 250	400	250	Digital	+/- 1.0°C	9.00 (230)	6.00 (150)	215	110
DRT-ZN 500	400	500	Digital	+/- 1.0°C	10.25 (260)	6.25 (160)	220	110
DRT-ZN 1000	400	1000	Digital	+/- 1.0°C	11.00 (275)	7.50 (190)	530	110
DRT-ZN 2000	400	2000	Digital	+/- 1.0°C	11.00 (275)	7.50 (190)	650	110
DRT-ZN 3000	400	3000	Digital	+/- 1.0°C	12.00 (300)	7.50 (190)	730	110
DRT-ZN 5000	400	5000	Digital	+/- 1.0°C	13.75 (345)	9.00 (230)	1100	110