

Stirred Thermostatic Baths and Heating Circulators Optima Series

Description

Optima thermostatic water baths combine precise temperature control with reliable circulation and a high level of user-friendliness. Their modular design allows for flexible adaptation to various applications and bath sizes. Thanks to their high temperature stability and uniform temperature distribution, they are ideally suited for demanding laboratory applications where reproducible and reliable temperature conditions are crucial.

The Optima series thermostatic baths and circulating thermostats enable precise heating and cooling for numerous routine applications as well as for demanding analytical procedures, including sample incubation, calibration, and quality control.



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Models

Each of the four digital Optima™ thermostats can be combined with any of the eight Grant tanks (five stainless steel and three plastic), providing a choice of 32 models (see p. 2).

Specifications

- Accurate and safe temperature control – for samples and users;
- Intuitive programming and thoughtful design features – makes working with Grant heated baths and circulators easy;
- Robust, durable construction – for longevity, reliability and long-term low cost of ownership;
- A complete range – 32 models to cover basic through to sophisticated needs, each model represents excellent value for money.



Water bath thermostat Optima T100-P5.
Plastic version



Optima series thermostat selection

Water Bath with Thermostat Optima Series



Technical Data

	Thermostat	T100 Temperature setting range	TC120 Temperature setting range	TX150 Temperature setting range	TX200 Temperature setting range
Suitable water bath	1. Dimensions (H×D×W) Weight (kg) 2. Working area (D×W) 3. Min./max. fill level 4. Internal tank dimensions (H×D×W)				
ST5 – 5 Litres Stainless steel	1. 215 × 335 × 187 mm, 2.9 kg 2. 150 × 260 mm 3. 85/140 mm 4. 150 × 300 × 150 mm	T100–ST5 Ambient +15 to 100°C	TC120–ST5 0 to 120°C	TX150–ST5 0 to 150°C	TXF200–ST5 0 to 200°C
ST12 – 12 l Stainless steel	1. 215 × 332 × 360 mm, 4.5 kg 2. 205 × 300 mm 3. 85/140 mm 4. 150 × 325 × 300 mm	T100–ST12 0 to 100 °C	TC120–ST12 0 to 120°C	TX150–ST5 0 to 150°C	TXF200– ST12 0 to 200°C
ST18 – 18 l Stainless steel	1. 215 × 545 × 340 mm, 7.3 kg 2. 385 × 300 mm 3. 75/130 mm 4. 150 × 505 × 300 mm	T100–ST18 0 to 100°C	TC120–ST18 0 to 120°C	TX150–ST18 0 to 150°C	TX200–ST18 0 to 200°C
ST26 – 26 l Stainless steel	1. 270 × 535 × 340 mm, 7.7 kg 2. 385 × 300 mm 3. 125/180 mm 4. 200 × 505 × 300 mm	T100–ST26 0 to 100°C	TC120–ST26 -15 to 120°C	TX150–ST26 -15 to 120°C	TX200–ST26 -15 to 120°C
ST38 – 38 l Stainless steel	1. 260 × 733 × 338 mm, 11.9 kg 2. 575 × 300 mm 3. 125/180 mm 4. 200 × 690 × 300 mm	T100–S38 0 to 100°C	TC120–S38 -15 to 120°C	TX150–ST38 -15 to 120°C	TX200–ST38 0 to 200°C
P5 – 5 Litres Plastic	1. 180 × 323 × 220 mm, 2.2 kg 2. 120 × 150 mm 3. 85/140 mm 4. 155 × 240 × 160 mm	T100–P5 Ambient +15 to 99°C	TC120–P5 Ambient +15 to 99°C	TX150–P5 Ambient +15 to 99°C	TXF200–P5 Ambient +15 to 99°C
P12 – 12 l Plastic	1. 180 × 412 × 340 mm, 3.4 kg 2. 210 × 280 mm 3. 85/140 mm 4. 155 × 325 × 280 mm	T100–P12 Ambient +5 to 99°C	TC120–P12 Ambient +5 to 99°C	TX150–P12 Ambient +5 to 99°C	TXF200–P12 Ambient +5 to 99°C
P18 – 18 l Plastic	1. 180 × 589 × 340 mm, 5.1 kg 2. 375 × 280 mm 3. 85/140 mm 4. 155 × 510 × 290 mm	T100–P18 Ambient +5 to 99°C	TC120–P18 Ambient +5 to 99°C	TX150–P18 Ambient +5 to 99°C	TXF200–P18 Ambient +5 to 99°C

Additional accessories upon request:
Lids, insert racks for test tubes and bottles, polypropylene spheres.

