



Thermo Scientific Precision
and Lab-Line Water Baths

outstanding performance and reliability
for laboratory applications

Thermo
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Thermo Scientific Precision and Lab-Line Water Baths

value, performance and reliability

Thermo Scientific™ Precision™ and Thermo Scientific™ Lab-Line™ water baths provide outstanding performance and reliability for your laboratory applications. Available in a variety of models and capacities, our water baths can be equipped with a broad range of accessories to support your specific application requirements.



Applications

	Precision & Lab-Line	Precision Circulating		Precision Shaking	
	General Purpose water baths	Models 260, 265, 270	Coliform	Models 25 and 50	Dubnoff and Shallow Form
Bacteriological Examinations	•	•	•	•	•
Coagulation Tests	•	•		•	
Coliform Determinations		•	•	•	
Copper Strip Corrosion Tests	•	•			•
Crude Oil Studies	•	•			
Cytochemistry	•	•			•
Dialysis					•
Demulsibility Studies	•	•			
Enzyme Studies		•			•
Electrophoresis Gel Destaining				•	
Environmental Studies	•	•	•	•	•
Food Processing QC	•	•	•	•	
Genetic Studies	•	•		•	•
Hormone Studies	•	•		•	•
Immunological Research	•	•		•	•
Incubation for Microbiological Assays	•	•	•	•	
Incubation for Microcentrifugation Tubes	•				•
Melting Agar	•				
Metallurgical Analysis	•	•		•	•
Molecular Biology	•	•		•	•
Protein Analysis	•	•			
Radioactive Isotope Uptake Studies	•	•		•	•
Radiochemistry	•	•		•	
Serological Research	•	•		•	•
Thawing	•	•		•	•
Thawing Blood	•	•		•	•
Thawing Cryopreservation Vials	•				
Tissue Culture Research	•	•		•	•
Virology Research	•	•		•	•
Warming Reagents	•	•			
Water Quality Research	•	•	•	•	•

Thermo Scientific Precision General Purpose Water Baths

Precision water baths are rugged, high-performance baths that maintain water temperature from ambient to 95 °C or 99.9 °C (depending on model).

These easy-to-maintain baths feature a broad range of bath sizes and models, with digital set-it-and-forget-it control, faster heat-up time and easy calibration.

FEATURES

- Temperature Controller provides +/- 0.2 °C uniformity and +/- 0.1 °C sensitivity at 37 °C with stainless steel gable cover
- Easy-to-maintain, seamless stainless-steel interior chamber and epoxy powder-coated exterior resist corrosion and chemical damage
- Choice of analog or digital temperature control
- Available in eight sizes with chamber capacities ranging from 1.5 to 43 liters
- Over-temperature safety circuitry prevents thermal runaway
- Front mounted controls simplify operation
- UL listed (120V)

What's included:

- Stainless-steel diffuser shelf
- Stainless-steel gable cover (except on models 181/281)
- Polypropylene gable cover (available on Models 181/281 only)
- Thermometer (on analog models only)



Precision 183 Analog Water Bath

Analog General Purpose Water Baths Specifications

	Models	180	181	182	183
Specifications	Chamber Capacity ¹	1.5 liters (0.4 gallons) shallow	2.5 liters (0.7 gallons)	5.5 liters (1.5 gallons)	12 liters (3.2 gallons)
	Temperature Range ²	Ambient to 95 °C	Ambient to 99.9 °C	Ambient to 99.9 °C	Ambient to 99.9 °C
Dimensions (L x W x H)	Work Area	6 x 11.5 x 2 in. (15.2 x 29.2 x 5.1 cm)	6 x 5 x 6 in. (15.2 x 12.7 x 15.2 cm)	11.5 x 6 x 6 in. (29.2 x 15.2 x 15.2 cm)	11.5 x 12.5 x 6 in. (29.2 x 31.7 x 15.2 cm)
	Overall without cover	8.9 x 14 x 6.7 in. (22.6 x 35.6 x 17.1 cm)	9.75 x 8 x 9.75 in. (24.8 x 20.3 x 24.8 cm)	16.2 x 8 x 9.75 in. (41.0 x 20.3 x 24.8 cm)	16.2 x 14.75 x 9.75 in. (41.0 x 37.5 x 24.8 cm)
Electrical Specs (50/60Hz)	120V	225 Watts (2.0 Amps)	225 Watts (2.0 Amps)	300 Watts (2.5 Amps)	400 Watts (3.3 Amps)
	230V	225 Watts (1.0 Amp)	225 Watts (1.0 Amp)	300 Watts (1.3 Amps)	400 Watts (1.75 Amps)
	BTU Output	768	768	1025	1366
Shipping Data	Weight	12 lbs (5.4 kg)	12 lbs (5.4 kg)	16 lbs (7.3 kg)	20 lbs (9.1 kg)
Catalog Number	120V	2823	2827	2831	2835
	230V	2824	2828	2832	2836
	Models	184	185	186	188 (Dual chamber)
Specifications	Chamber Capacity ¹	19.5 liters (5.2 gallons)	18 liters (4.9 gallons)	43 liters (11.4 gallons)	12 liters / 12 liters ³ (3.2 gallons / 3.2 gallons ³)
	Temperature Range ²	Ambient to 99.9 °C	Ambient to 99.9 °C	Ambient to 99.9 °C	Ambient to 99.9 °C
Dimensions (L x W x H)	Work Area	14 x 12 x 8 in. (35.6 x 30.5 x 20.3 cm)	19.5 x 11.5 x 6 in. (49.5 x 29.2 x 15.2 cm)	16 x 28 x 6.5 in. (40.6 x 71.1 x 16.5 cm)	11.5 x 12.5 x 6 in. (29.2 x 31.7 x 15.2 cm)
	Overall without cover	19.7 x 15.75 x 9.75 in. (49.9 x 40 x 24.8 cm)	23.9 x 13.75 x 9.75 in. (60.7 x 34.9 x 24.8 cm)	21.6 x 31.5 x 9.75 in. (55.0 x 80.0 x 24.8 cm)	16.1 x 29 x 9.75 in. (41.0 x 73.7 x 24.8 cm)
Electrical Specs (50/60Hz)	120V	600 Watts (5.0 Amps)	600 Watts (5.0 Amps)	1200 Watts (10.0 Amps)	800 Watts (6.7 Amps)
	230V	600 Watts (2.6 Amps)	600 Watts (2.6 Amps)	1200 Watts (5.2 Amps)	800 Watts (3.5 Amps)
	BTU Output	2048	2048	4095	2732
Shipping Data	Weight	25 lbs (11.3 kg)	30 lbs (13.6 kg)	56 lbs (25.4 kg)	40 lbs (18.1 kg)
Catalog Number	120V	2839	2843	2847	2851
	230V	2840	2844	2848	2852

¹Filled 1" (25 mm) from top of chamber

²With gable cover

³Each chamber

Precision 281 Digital Water Bath
with optional thermometer

Precision 288 Digital Water Bath

Digital General Purpose Water Baths Specifications

	Models	280	281	282	283
Specifications	Chamber Capacity ¹	1.5 liters (0.4 gallons) shallow	2.5 liters (0.7 gallons)	5.5 liters (1.5 gallons)	12 liters (3.2 gallons)
	Temperature Range ²	Ambient to 95 °C	Ambient to 99.9 °C	Ambient to 99.9 °C	Ambient to 99.9 °C
Dimensions (L x W x H)	Work Area	6 x 11.5 x 2 in. (15.2 x 29.2 x 5.1 cm)	6 x 5 x 6 in. (15.2 x 12.7 x 15.2 cm)	11.5 x 6 x 6 in. (29.2 x 15.2 x 15.2 cm)	11.5 x 12.5 x 6 in. (29.2 x 31.7 x 15.2 cm)
	Overall without cover	8 x 14 x 6.7 in. (20.3 x 35.6 x 17.1 cm)	9.75 x 8 x 9.75 in. (24.8 x 20.3 x 24.8 cm)	15.25 x 8 x 9.75 in. (38.7 x 20.3 x 24.8 cm)	15.25 x 14.75 x 9.75 in. (38.7 x 37.5 x 24.8 cm)
Electrical Specs (50/60Hz)	120V	225 Watts (2.0 Amps)	225 Watts (2.0 Amps)	300 Watts (2.5 Amps)	400 Watts (3.3 Amps)
	230V	225 Watts (1.0 Amp)	225 Watts (1.0 Amps)	300 Watts (1.3 Amps)	400 Watts (1.75 Amps)
	BTU Output	768	768	1025	1366
Shipping Data	Weight	12 lbs (5.4 kg)	12 lbs (5.4 kg)	16 lbs (7.3 kg)	20 lbs (9.1 kg)
Catalog Number	120V	2825	2829	2833	2837
	230V	2826	2830	2834	2838
	Models	284	285	286	288 (Dual chamber)
Specifications	Chamber Capacity ¹	19.5 liters (5.2 gallons)	18 liters (4.9 gallons)	43 liters (11.4 gallons)	12 liters /12 liters ³ (3.2 gallons / 3.2 gallons ³)
	Temperature Range ²	Ambient to 99.9 °C	Ambient to 99.9 °C	Ambient to 99.9 °C	Ambient to 99.9 °C
Dimensions (L x W x H)	Work Area	14 x 12 x 8 in. (35.6 x 30.5 x 20.3 cm)	19.5 x 11.5 x 6 in. (49.5 x 29.2 x 15.2 cm)	16 x 28 x 6.5 in. (40.6 x 71.1 x 16.5 cm)	11.5 x 12.5 x 6 in. (29.2 x 31.7 x 15.2 cm)
	Overall without cover	18.75 x 15.75 x 9.75 in. (47.6 x 40 x 24.8 cm)	23.9 x 13.75 x 9.75 in. (58.4 x 34.9 x 24.8 cm)	20.7 x 31.5 x 9.75 in. (52.7 x 80.0 x 24.8 cm)	15.2 x 29 x 9.75 in. (38.7 x 73.7 x 24.8 cm)
Electrical Specs (50/60Hz)	120V	600 Watts (5.0 Amps)	600 Watts (5.0 Amps)	1200 Watts (10.0 Amps)	800 Watts (6.7 Amps)
	230V	600 Watts (2.6 Amps)	600 Watts (2.6 Amps)	1200 Watts (5.2 Amps)	800 Watts (3.5 Amps)
	BTU Output	2048	2048	4095	2732
Shipping Data	Weight	25 lbs (11.3 kg)	30 lbs (13.6 kg)	56 lbs (25.4 kg)	40 lbs (18.1 kg)
Catalog Number	120V	2841	2845	2849	2853
	230V	2842	2846	2850	2854

¹Filled 1" (25 mm) from top of chamber²With gable cover³Each chamber

Thermo Scientific Precision Circulating Water Baths

When temperature uniformity and control are critical, such as enzymes and serology, Precision Circulating water baths are the ideal choice. Microprocessor-controlled baths combine operational simplicity with excellent temperature uniformity. Available in three different models, these high performance baths range in capacity from 19 liters to 89 liters.



Precision 270 Circulating Water Bath



Precision 260 Circulating Water Bath with optional Petri dish rack



Precision 265 Circulating Water Bath with optional Petri dish rack

FEATURES

- Temperature controller provides +/-0.05 °C uniformity at 37 °C and sensitivity of +/-0.05 °C with stainless steel gable cover
- Water flow directed around bath perimeter
- Elevated sample platform for more thorough circulation
- Easy-to-maintain, corrosion resistant construction
- Automatic sensor to protect bath from overheating
- Single switch control for heater and circulator pump
- Meets ASTM E715 Class IIA standards for uniformity
- UL Listed (120V)

What's included:

- Stainless-steel diffuser shelf
- Stainless-steel gable cover

Digital Circulating Water Baths Specifications

	Models	260	265	270
Specifications	Chamber Capacity ¹	19 liters (5.0 gallons)	34.5 liters (9.1 gallons)	89 liters (23.85 gallons)
	Temperature Display ²	Ambient +5 °C to 99.9 °C	Ambient +5 °C to 99.9 °C	Ambient +5 °C to 99.9 °C
Dimensions (L x W x H)	Work Area	12 x 15 x 7.5 in. (30.5 x 38.1 x 19.0 cm)	12 x 27 x 7.5 in. (30.5 x 68.6 x 19.0 cm)	18 x 36 x 9.5 in. (45.7 x 91.4 x 24.1 cm)
	Overall without cover	14 x 24.5 x 9.5 in. (35.6 x 62.2 x 24.1 cm)	14 x 36.5 x 9.5 in. (35.6 x 92.7 x 24.1 cm)	20 x 45 x 12 in. (50.8 x 114.3 x 30 cm)
	Shelf	11 x 14.5 in. (27.9 x 36.8 cm)	11 x 26.5 in. (27.9 x 67.3 cm)	17 x 35 in. (43.2 x 88.9 cm)
Electrical Specs (50/60Hz)	120V	1000 Watts	1550 Watts	1550 Watts
	230V	1000 Watts	1550 Watts	1550 Watts
	BTU Output	3415	5294	5294
Shipping Data	Weight	45 lbs. (20.4 kg)	68 lbs. (30.8 kg)	85 lbs. (38.5 kg)
Catalog Number	120V	2864	2866	2868
	230V³	2865	2867	2869

¹ Filled 3.5" (89 mm) from top of chamber

² With gable cover

³ 50/60Hz (Includes European style 50Hz power cord; standard 220V 60Hz power cord available separately. Part number 3176836)

Thermo Scientific Precision Coliform Water Baths

Precision Coliform Water Bath Models 251 and 253 are designed specifically for fecal coliform determination.

Each water bath is factory calibrated and can be field calibrated from the front panel without the use of tools. Preset temperature feature is standard on both coliform water bath models for ease of use and meet stringent performance requirements. Model 251 comes with a seamless chamber and the Model 253 comes with a larger-welded chamber.



Precision Model 251 with optional thermometer

Precision Model 253

FEATURES

- Factory pre-set temperatures for easy use, even by untrained operators
- Temperature controller provides +/- 0.05 °C uniformity and +/-0.05 °C sensitivity with stainless steel gable cover
- Microprocessor control with digital LED display
- Water pump gently directs water flow around bath perimeter for non-turbulent agitation
- Over-temperature protection capability
- Rugged stainless-steel chamber with easy to clean epoxy-powder coated exterior
- UL Listed (120V)

What's included:

- Stainless-steel diffuser shelf
- Stainless-steel gable cover

Digital Coliform Water Baths Specifications

	Models	Small Coliform Bath Model 251	Large Coliform Bath Model 253
Specifications	Chamber Capacity ¹	17.5 liters (4.6 gallons)	34.5 liters (9.1 gallons)
	Factory Preset Temperatures	35.0 °C, 41.5 °C, 44.5 °C, 45.5 °C	35.0 °C, 41.5 °C, 44.5 °C, 45.5 °C
Dimensions (L x W x H)	Work Area	14 x 12 x 8 in. (35.6 x 30.5 x 20.3 cm)	12 x 27 x 7.5 in. (30.5 x 68.6 x 19.0 cm)
	Diffuser Shelf	12 x 10 in. (30.5 x 25.4 cm)	11 x 26.5 in. (28 x 67.3 cm)
	Overall without cover	18.5 x 15.5 x 9.5 in. (47 x 39.4 x 24.1 cm)	14 x 36 x 9.5 in. (35.6 x 91.4 x 24.1 cm)
Electrical Specs (50/60Hz)	120V	600 Watts, 5.0 Amps	1550 Watts, 12.9 Amps
	230V	600 Watts, 2.6 Amps	1550 Watts, 6.5 Amps
	BTU Output	2049	5294
Shipping Data	Weight	35 lbs. (15.8 kg)	60 lbs. (27.2 kg)
Catalog Number	120V	2860	2862
	230V²	2861	2863

¹Filled to 1" (25 mm) from top of chamber

²350/60Hz (Includes European style 50Hz power cord; standard 220V 60Hz power cord available separately. Part number 3176836)

Thermo Scientific Precision Shaking Water Baths

Precision Shaking water baths have a capacity of up to 26.5 liters (7 gallon) and are designed for life science and QA/QC applications. Intuitive digital control makes these baths easy to use, while meeting the stringent standards for laboratory testing.



Precision Models 25 and 50



Precision Shallow Form Shaking Bath with optional thermometer

Precision Dubnoff Shaking Bath with large gassing hood

FEATURES

- Microprocessor control with digital LED display and shaker control
- Adjustable shaking speed from 30 to 200 (OPM) oscillations/min.
- Over-temperature protection function
- Rugged stainless-steel chamber with easy to clean epoxy-powder coated exterior
- Push-button convenience for entry of temperature and shaking speed
- Automatic motor shut-down capability
- Meets ASTM Method E 715 Class IIA standards
- UL Listed (120V)

What's included:

- Stainless-steel diffuser shelf
- Stainless-steel gable cover

Shaking Water Bath Specifications

	Models	25	50	Shallow Form Shaking Bath	Dubnoff 25
Specifications	Chamber Capacity ¹	14.5 liters (3.8 gallons)	26.5 liters (7 gallons)	14.5 liters (3.8 gallons)	14.5 liters (3.8 gallons)
	Temperature Range ²	Ambient +5 °C to 99.9 °C			
	Temperature Uniformity at 37 °C ²	±0.05 °C	±0.10 °C	±0.05 °C	±0.05 °C
	Temperature Sensitivity ²	±0.05 °C	±0.05 °C	±0.05 °C	±0.05 °C
	Oscillations per Minute	30 to 200	30 to 200	30 to 200	30 to 200
	Stroke Length	0.5 to 1.5 in. (1.3 to 3.8 cm)			
Dimensions (L x W x H)	Work Area	12 x 15 x 7.5 in. (30.5 x 38.1 x 19.05 cm)	12 x 27 x 7.5 in. (30.5 x 68.6 x 19.05 cm)	12 x 15 x 7.5 in. (30.5 x 38.1 x 19 cm)	12 x 15 x 7.5 in. (30.5 x 38.1 x 19 cm)
	Removable Tray	11.5 x 12 x 6.5 in. (29.2 x 30.5 x 16.5 cm)	11.5 x 24 x 6.5 in. (29.2 x 61 x 16.5 cm)	11.5 x 11 x 3.5 in. (29.2 x 27.9 x 8.9 cm)	11.5 x 11 x 6.5 in. (29.2 x 27.9 x 16.5 cm)
	Overall without cover	14 x 24.5 x 9.5 in. (35.6 x 62.2 x 24.1 cm)	14 x 36.5 x 9.5 in. (35.6 x 92.7 x 24.1 cm)	14 x 24.5 x 9.5 in. (35.6 x 62.2 x 24.1 cm)	14 x 24.5 x 9.5 in. (35.6 x 62.2 x 24.1 cm)
Electrical Specs (50/60Hz)	120V	1000 Watts, 8.8 Amps	1550 Watts, 12.9 Amps	1000 Watts, 8.3 Amps	1000 Watts, 8.2 Amps
	230V	1000 Watts, 4.4 Amps	1550 Watts, 6.5 Amps	1000 Watts, 4.3 Amps	1000 Watts, 4.3 Amps
	BTU Output	3415	5294	3415	3415
Shipping Data	Weight	48 lbs. (22.2 kg)	62 lbs. (27.2 kg)	55 lbs. (24.9 kg)	55 lbs. (24.9 kg)
Catalog Number	120V	2870	2872	2874	2876
	230V ³	2871	2873	2875	2877

¹ Filled 3.5" (89 mm) from top of chamber

² With gable cover

³ 50/60Hz (Includes European style 50Hz power cord; standard 220V 60Hz power cord available separately. Part number 3176836)

Thermo Scientific Lab-Line AquaBath Water Baths

Lab-Line water baths are available in a variety of sizes from 2 to 28L, including a shallow form to meet specific application needs and budgets. Baths feature dual thermostats and an independent high-limit thermostat for over temperature protection.



Lab-Line Analog Operating System

Lab-Line Digital Operating System

FEATURES

- Hinged acrylic cover lifts to a 90° stay-open position or can be removed completely
- “Fins” on the hinged acrylic gable cover protect hands from hot vapors and lifts to a 90° stay-open position or can be removed completely
- Exterior remains cool to the touch even after extended use to prevent accidental burns
- Rounded, seamless stainless-steel reservoir and diffuser tray resist rust and contamination with easy-to-clean enamel coating resists corrosion
- PID control provides ± 0.5 °C stability at 37 °C
- UL Listed (120V and 230V)

What's included:

- Acrylic gable cover (stainless steel covers available)
- Diffuser tray
- Thermometer clip
- Partial immersion (76 mm) thermometer (not included on 230V model)
- Drain pump (included on 5/10L 10L, 20L, 28L models only)

Analog and Digital Lab-Line AquaBaths Specifications

	Models	2L	2L Shallow	5L	5/10L
Specifications	Chamber Capacity ¹	2 liters (0.5 gallons)	2 liters (0.5 gallons)	5 liters (1.3 gallons)	5/10 liters (1.3/2.6 gallons)
	Temperature Range ²	Ambient to 99.9 °C	Ambient to 99.9 °C	Ambient to 99.9 °C	Ambient to 99.9 °C
	Temperature Uniformity at 37 °C	± 0.2 °C	± 0.5 °C	± 0.2 °C	± 0.2 °C
Dimensions (L x W x H)	Chamber	5.3 x 5.9 x 6 in. (13 x 15 x 15 cm)	5.9 x 11.8 x 2.5 in. (15 x 30 x 6 cm)	6 x 11.8 x 6 in. (15 x 30 x 15 cm)	11.8 x 5.9 x 6 in./11.8 x 12.9 x 6 in. (30 x 15 x 15 cm/30 x 33 x 15 cm)
	Exterior without cover	9.9 x 10.8 x 7.6 in. (25 x 27 x 19 cm)	10.5 x 14.5 x 7.5 in. (27 x 37 x 19 cm)	10.5 x 14.5 x 7.6 in. (27 x 37 x 19 cm)	16.4 x 24.2 x 8.9 in. (42 x 62 x 23 cm)
Electrical Specs (50/60Hz)	120V	200 Watts, 1.7 Amps	200 Watts, 1.7 Amps	300 Watts, 2.5 Amps	1000 Watts, 8.3 Amps
	230V	200 Watts, 0.9 Amps	200 Watts, 0.9 Amps	300 Watts, 1.3 Amps	993 Watts, 4.3 Amps
	BTU Output	682	682	1024	1024/2388
Shipping Data	Weight	7 lbs. (3.3 kg)	9 lbs. (4 kg)	10 lbs. (4.5 kg)	24.5 lbs. (11.1 kg)
Analog Catalog Number	120V	18050AQ	18020AQ	18000AQ	18800AQ
	230V	18050A-1CEQ	18020A-1CEQ	18000A-1CEQ	18800A-1CEQ
Digital Catalog Number	120V	18052AQ	18022AQ	18002AQ	18802AQ
	230V	18052A-1CEQ	18022A-1CEQ	18002A-1CEQ	18802A-1CEQ
	Models	10L	20L	28L	
Specifications	Chamber Capacity ¹	10 liters (2.6 gallons)	20 liters (5.3 gallons)	28 liters (7.4 gallons)	
	Temperature Range ²	Ambient to 99.9 °C	Ambient to 99.9 °C	Ambient to 99.9 °C	
	Temperature Uniformity at 37 °C	± 0.2 °C	± 0.2 °C	± 0.2 °C	
Dimensions (L x W x H)	Chamber	12.9 x 11.8 x 6 in. (33 x 30 x 15 cm)	11.8 x 19.8 x 6 in. (30 x 50 x 15 cm)	11.7 x 19.7 x 8 in. (30 x 50 x 20 cm)	
	Exterior without cover	16.4 x 15.4 x 8.9 in (42 x 39 x 23 cm)	16.4 x 24.2 x 8.9 in (42 x 62 x 23 cm)	16.4 x 24.4 x 10.9 in (42 x 62 x 28 cm)	
Electrical Specs (50/60Hz)	120V	700 Watts, 5.8 Amps	1000 Watts, 8.3 Amps	1000 Watts, 8.3 Amps	
	230V	663 Watts, 2.9 Amps	948 Watts, 4.1 Amps	948 Watts, 4.1 Amps	
	BTU Output	2388	3412	3412	
Shipping Data	Weight	16.5 lbs. (7.5 kg)	22.3 lbs. (10.1 kg)	26 lbs. (11.8 kg)	
Analog Catalog Number	120V	18005AQ	18100AQ	18900AQ	
	230V	18005A-1CEQ	18100A-1CEQ	18900A-1CEQ	
Digital Catalog Number	120V	18007AQ	18102AQ	18902AQ	
	230V	18007A-1CEQ	18102A-1CEQ	18902A-1CEQ	

¹Filled 1.5" (38.1 mm) from top of chamber. 2L Shallow model Filled 0.75" (19.1 mm) from top of chamber

²With gable cover



Water Level Regulator Kit

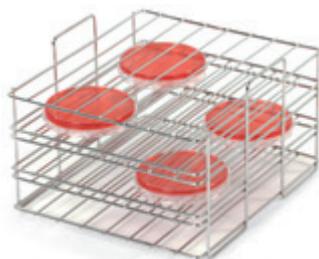
Adjustable float valve automatically opens when the water level in the bath falls below preset limits to keep the bath full. Valve and float are mounted on a removable bonnet for easy maintenance and service. Kit includes 6 ft. (1.8 meters) 1/4 in. I.D. Tygon tubing, nylon fittings, clamps, and adjustable mounting bracket.

Description	Cat. No.
For Circulating, Reciprocal Shaking, and Coliform Baths	3166223

Sample Racks

Stainless Steel Racks hold Petri dishes or test tubes.

Description	Cat. No.
Petri Dish Rack Measures 9-3/4 x 8-3/4 x 6-1/4 in. (248 x 222 x 159 mm). Holds 80 50 mm Petri dishes or 30 90 mm Petri dishes.	3166183
Test Tube Rack Measures 10 x 8-1/2 x 5-1/2 in. (254 x 216 x 140 mm). Openings are 1 in. (25 mm) square. Holds 50 test tubes up to 25 mm from 97 to 150 mm high.	3161601



Glass Thermometers*

Non-hazardous glass thermometers read in 1.0°C increments.

Description	Cat. No.
Model 180 and 280 General Purpose Baths, 0°C to 105°C, 6.5 in. (165 mm) long	3175997
All other Precision 180 and 280 Series General Purpose, Circulating and Shaking Baths, 0°C to 100°C 12 in. (305 mm) long	3166220

**All thermometers are for monitoring purposes only!*

Gassing Hood

For Reciprocal, Shaking, Shallow Form and Dubnoff Baths Gassing Hood
Permits control over the atmosphere surrounding the sample. Also improves temperature uniformity and minimizes energy consumption. Polished stainless steel with plastic gas fitting. Each bath will accommodate 1 large hood or 2 small hoods.

Description	Cat. No.
Small (5.6 x 11.35 in.)	3162639
Large (11.21 x 11.35 in.)	3162640



Microfuge Test Tube Rack

For use with Shallow Form or Dubnoff baths; requires Clip Fastener. Measures 5 x 4 x 1-1/2 in. (127 x 101 x 39 mm).

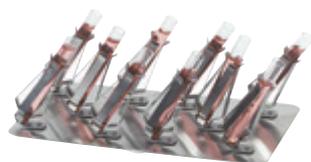
Description	Cat. No.
0.5 ml tubes (holds 63) (not shown)	3166184
1.5 ml tubes (holds 30)	3166185



Test Tube Tray

For use with Reciprocal, Dubnoff, and Shallow Form Shaking Baths. Measures 5 x 10.2 in. (12.7 x 25.9 cm).

Description	Cat. No.
Holds 10-13 to 25 mm test tubes	3161597



Flask Tray

For use in Reciprocal, Dubnoff, and Shallow Form Shaking Baths. Measures 5 x 10.2 in. (12.7 x 25.9 cm).

Description	Cat. No.
25 ml flask (Holds 18 clips)	3161599
50 ml flask (Holds 10 clips)	3166228



Test Tube Clips

For use in Reciprocal, Dubnoff, and Shallow Form Shaking Baths. Stainless steel. Each requires one fastener.

Description	Cat. No.
Holds 13 mm to 25 mm tube	3166216



Flask Clips and Fasteners

For use in Reciprocal, Dubnoff, and Shallow Form Shaking Baths. Secure various size flasks to bath platform. Stainless steel. Each requires one fastener. Flask Clip Capacities Model 25, Shallow form,

Flask Clips			
Flask Vol.	Dubnoff	Model 50	Cat. No.
25 ml	20	48	3166227
50 ml	15	36	3166198
125 ml	9	24	3166221
250 ml	6	14	3166566
500 ml	4	12	3166199
1000 ml	2	5	3166200



Clip Fasteners	
One required per flask clip or tube. Package of 25.	3166189

High Wall Tray

Description	Cat. No.
For use with Precision Shallow Form, Dubnoff, and Shaking Bath Model 25 (11.25 x 12.5 x 7.5 in.)	3164716
For use with Precision Shaking Bath Model 50. (11.25 x 24 x 7.5 in.)	3164717



Concentric Ring Cover

Stainless steel cover converts the Model 184 or 284 Utility Bath for use as a steaming bath. Five openings (3 small, 2 large) accommodate glassware ranging in diameter from 4/5 to 4 in. in 1 in. (2 to 10 cm) increments. Openings enlarge as rings are removed.

Description	Cat. No.
Concentric Ring Cover	3161593

Gable Covers Replacement — Gable Covers are available. Contact your Thermo representative for details.



Lab Line Stainless Steel Gable Covers

Description	Cat. No.
For use with 2L Lab-Line Digital/Analog Baths	19000-11Q
For use with 2L Shallow and 5L Lab-Line Digital/Analog Baths	19000-13Q
For use with 10L Lab-Line Digital/Analog Baths	19000-15Q
For use with 20L/28L Lab-Line Digital/Analog Baths	19000-17Q



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