37.0°C

PRECISION **GP 10**

Thermo
SCIENTIFIC

Thermo Scientific
Precision Water Baths

The ultimate in performance and reliability

ThermoFisher
SCIENTIFIC

Thermo Scientific Precision Water Baths

A new generation to support your science

For decades, Thermo Scientific™ Precision™ water baths have brought outstanding performance and reliability to laboratories worldwide. Now they are setting a new standard in laboratory water baths, with enhanced designs and added features to help simplify workflows and maximize productivity.

With their rugged construction and advanced microprocessor technology, Precision water baths are a smart choice for your smart lab.

■ Precision is Compact

Save valuable bench space with a smaller footprint on general purpose baths, compared to previous models.

■ Precision is Effortless

Automatically preheat and turn off your bath for efficient work scheduling with new auto-on and auto-off timers.

■ Precision is Intuitive

Simplify parameter setting and monitoring with new icon-based controller interface.

■ Precision is Safe

Protect your work with safety features including audible alarm, adjustable digital over-temperature protection, low-level detection and high-temperature cut-offs.

■ Precision is Everywhere

Access worldwide service and support when you need it, for added peace of mind. Additionally, global voltage input allows water baths to be used almost anywhere in the world for easy ordering.

All Precision water baths come with a Thermo Scientific rubber duck for approximately $1.99, included in the total price.

Applications

Thermo Scientific Precision Water Baths					
	General Purpose	Circulating	Coliform	Shaking	Dubnoff
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 Cryopreservation Vials	•				
Tissue Culture Research	•	•		•	•
Virology Research	•	•		•	•
Warming Reagents	•	•			
Water Quality Research	•	•	•	•	•

Thermo Scientific Precision General Purpose Water Baths

Precision general purpose water baths are rugged, high performance baths that are designed to maintain water temperature from ambient to 100°C. Ideal for a wide range of lab applications, capacities range from 2 L[1] to 28 L, including shallow models. Over-temperature safety circuitry is designed to prevent thermal runaway, while new auto-on and auto-off timers allow you to optimize operation schedules. Benefit from outstanding chemical and corrosion resistance with epoxy powder-coated exterior, and easily clean the chamber with its seamless stainless-steel interior.

Additional features:

- Smaller footprint, compared to previous models, frees up valuable benchtop space
- Advanced microprocessor controller is designed for extended functionality
- Protect your work with audible alarms
- Conveniently save commonly used settings with four temperature presets
- Baths come with clear polycarbonate gable cover, diffuser tray, drain hose and rubber duck
- UL Listed and CE Marked; US FDA Class I Medical Device
- Includes a setting for thermal beads[2]

> **Icon-based graphical display for easy operation and monitoring**

Enhanced hinge design supports open lid configuration and easy lid removal.

Help prevent bath damage and overheating with low-fluid protection.

Simplify operation with quick disconnect drain and concealed drain hose on 10, 20, 28 L and dual models.

[1] 2L is designed to maintain water temperature from ambient to 90°C.
[2] Thermal beads do not provide the same performance as water; see manual for additional instructions.

GP 02 Water Bath

GP 2S Water Bath

GP 05 Water Bath

GP 10 Water Bath

GP 20 Water Bath

GP 28 Water Bath

GP 15D Water Bath

Precision General Purpose Water Bath Specifications

Model	Cat. No.	Chamber Capacity	Temperature Range	Temperature Stability / Uniformity @ 37°C*	Work Area (L x W x H)	Overall Dimensions Without Cover (L x W x H)	Global Voltage**	Heater Output†
GP 02	TSGP02	2 Liter	Amb. to 90°C	±0.1°C / ±0.2°C	5.4 x 6.1 x 5.9 in. (138 x 155 x 150 mm)	9.1 x 7.8 x 9.2 in. (230 x 199 x 233 mm)	100-115V/200-230V, 50/60Hz	200W
GP 2S	TSGP2S	2 Liter (Shallow)	Amb. to 100°C	±0.1°C / ±0.2°C	6 x 11.8 x 2.6 in. (153 x 300 x 65 mm)	9.7 x 14 x 9.1 in. (246 x 355 x 232 mm)	100-115V/200-230V, 50/60Hz	300W
GP 05	TSGP05	5 Liter	Amb. to 100°C	±0.1°C / ±0.2°C	6.1 x 11.8 x 5.9 in. (154 x 300 x 150 mm)	9.7 x 14 x 9.1 in. (246 x 355 x 232 mm)	100-115V/200-230V, 50/60Hz	300W
GP 10	TSGP10	10 Liter	Amb. to 100°C	±0.1°C / ±0.2°C	11.9 x 13 x 5.9 in. (301 x 330 x 150 mm)	15.5 x 15.1 x 9.2 in. (393 x 383 x 233 mm)	100-115V/200-230V, 50/60Hz	800W
GP 20	TSGP20	20 Liter	Amb. to 100°C	±0.1°C / ±0.2°C	11.7 x 19.7 x 5.9 in. (297 x 500 x 150 mm)	15.4 x 21.8 x 9.2 in. (392 x 555 x 233 mm)	100-115V/200-230V, 50/60Hz	1200W
GP 28	TSGP28	28 Liter	Amb. to 100°C	±0.1°C / ±0.2°C	11.7 x 19.7 x 7.9 in. (297 x 500 x 200 mm)	15.4 x 21.8 x 11.1 in. (392 x 555 x 282 mm)	100-115V/200-230V, 50/60Hz	1200W
GP 15D	TSGP15D	5 Liter & 10 Liter (Dual)	Amb. to 100°C	±0.1°C / ±0.2°C	See TSGP05 & TSGP10	15.4 x 23.1 x 9.2 in. (392 x 587 x 233 mm)	100-115V/200-230V, 50/60Hz	300W & 800W

* Uniformity and stability tests were performed with cover installed and ambient controlled to ±1°C.
** GP models come with N5-15 Plug.
† Heater output at 120V and 240V.

Accessories for Precision General Purpose Water Baths

	TSGP02	TSGP2S	TSGP05	TSGP10	TSGP20	TSGP28	TSGP15D
Stainless Steel Gable Cover	GPSSL02	GPSSL05	GPSSL05	GPSSL10	GPSSL20	GPSSL20	GPSSL05 & GPSSL10
Concentric Ring Cover	–	–	–	1546230Q	1546231Q	1546231Q	–
Polycarbonate Gable Cover	TSGPACL02	TSGPACL05	TSGPACL05	TSGPACL10	TSGPACL20	TSGPACL20	TSGPACL05 & TSGPACL10
Stainless Steel Petri Dish Rack	–	–	–	–	3166183	3166183	–
Stainless Steel Test Tube Rack	–	–	–	–	3161601	3161601	–
Nalgene Test Tube Half Rack White 36 x 13 mm	5972–0013TC	5972-0013TC	5972-0013TC	5972-0013TC	5972-0013TC	5972-0013TC	5972-0013TC
Nalgene Test Tube Half Rack White 36 x 16 mm	–	5972-0016TC	5972-0016TC	5972-0016TC	5972-0016TC	5972-0016TC	5972-0016TC
Nalgene Test Tube Half Rack White 20 x 20 mm	–	5972-0020TC	5972-0020TC	5972-0020TC	5972-0020TC	5972-0020TC	5972-0020TC
Nalgene Test Tube Half Rack White 16 x 25 mm	–	5972-0025TC	5972-0025TC	5972-0025TC	5972-0025TC	5972-0025TC	5972-0025TC
Nalgene Test Tube Half Rack White 9 x 30 mm	–	5972-0030TC	5972-0030TC	5972-0030TC	5972-0030TC	5972-0030TC	5972-0030TC
Nalgene Test Tube Full Rack Red 72 x 13 mm	–	5970-0513TC	5970-0513TC	5970-0513TC	5970-0513TC	5970-0513TC	5970-0513TC
Nalgene Test Tube Full Rack Red 72 x 16 mm	–	–	5970-0516TC	5970-0516TC	5970-0516TC	5970-0516TC	5970-0516TC
Nalgene Test Tube Full Rack Red 40 x 20 mm	–	–	5970-0520TC	5970-0520TC	5970-0520TC	5970-0520TC	5970-0520TC
Nalgene Test Tube Full Rack Red 40 x 25 mm	–	–	5970-0525TC	5970-0525TC	5970-0525TC	5970-0525TC	5970-0525TC
Nalgene Test Tube Full Rack Red 24 x 30 mm	–	–	5970-0530TC	5970-0530TC	5970-0530TC	5970-0530TC	5970-0530TC
Hand Pump	102391	102391	102391	102391	102391	102391	102391
Replacement Diffuser Tray	102352	102353	102353	102354	102355	102355	102353 & 102354

Nalgene Unwire Test Tube Half Rack

Thermo Scientific™ Nalgene™ Unwire™ test tube racks are ideal for use in all types of water baths. They are designed not to float or fade color.
Learn more at: thermofisher.com/nalgeneracks

Thermo Scientific Precision Circulating Water Baths

Precision circulating water baths are an ideal choice when temperature uniformity and control are particularly critical, as when working with enzymes or in serological applications. Available in three different models, these high performance baths range in capacity 19 L, 35 L, and 89 L. The advanced temperature controller provides ±0.05°C uniformity at 70°C and stability of ±0.1°C with stainless steel gable cover.

Additional features:

- Achieve enhanced temperature uniformity with perimeter-directed water flow
- Easily clean and maintain bath with coil-free internal design
- Optimize scheduling with auto-on and auto-off timers
- Accommodate taller labware with new hinged lid and extended height
- Help prevent bath overheating and damage with low-fluid protection
- Easily operate and monitor with icon-based graphical display
- Protect your work with audible alarms
- Baths include stainless steel gable covers, diffuser tray, and rubber duck
- UL Listed and CE Marked; US FDA Class I Medical Device

CIR 19 Water Bath

CIR 35 Water Bath

CIR 89 Water Bath

Precision Circulating Water Bath Specifications

Model	Cat. No.	Chamber Capacity	Temperature Range	Temperature Stability / Uniformity @ 37°C*	Work Area (L x W x H)	Overall Dimensions Without Cover (L x W x H)	Global Voltage**	Heater Output†
CIR 19	TSCIR19	19 Liter	Amb. + 5°C to 100°C	±0.1°C / ±0.05°C	12 x 15.3 x 7.6 in. (305 x 387 x 192 mm)	15.5 x 24.9 x 9.8 in. (394 x 632 x 249 mm)	100-115V/200-230V, 50/60Hz	1200W
CIR 35	TSCIR35	35 Liter	Amb. + 5°C to 100°C	±0.1°C / ±0.05°C	12 x 27.3 x 7.6 in. (305 x 692 x 192 mm)	15.5 x 36.9 x 9.8 in. (394 x 938 x 249 mm)	100-115V/200-230V, 50/60Hz	1500W
CIR 89	TSCIR89	89 Liter	Amb. + 5°C to 100°C	±0.1°C / ±0.05°C	19 x 36 x 9.5 in. (483 x 914 x 241 mm)	21.5 x 45.7 x 11.8 in. (546 x 1160 x 300 mm)	100-115V/200-230V, 50/60Hz	1500W

* Uniformity and stability tests were performed with cover installed and ambient controlled to ±1°C.
** GP models come with N5-15 Plug.
† Heater output at 120V and 240V.

Thermo Scientific Precision Coliform Water Baths

Precision coliform water baths are designed specifically for fecal coliform determination. Advanced controller, featuring LCD readout for easy operation and monitoring, is factory preset to 35.0, 41.5, 44.5 and 45.5°C.

COL 19 Water Bath

COL 35 Water Bath

Additional features:

- Perimeter-directed water flow for enhanced temperature uniformity
- Easily clean and maintain bath with coil-free design
- Optimize scheduling with auto-on and auto-off timers
- Help prevent bath overheating and damage with low-fluid protection
- Easily operate and monitor with icon-based graphical display
- Accommodate taller labware with new extended-height, hinged lid
- Protect your work with audible alarms
- Bath includes stainless steel gable cover, diffuser tray, and rubber duck
- Quickly scroll through factory presets 35.0, 41.5, 44.5 and 45.5°C with the push of a button
- UL Listed and CE Marked; US FDA Class I Medical Device

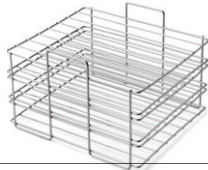## Precision Coliform Water Bath Specifications

Model	Cat. No.	Chamber Capacity	Temperature Range	Temperature Stability / Uniformity @ 37°C*	Work Area (L x W x H)	Overall Dimensions Without Cover (L x W x H)	Global Voltage**	Heater Output†
COL 19	TSCOL19	19 Liter	35.0, 41.5, 44.5 and 45.5°C	±0.1°C / ±0.05°C	12 x 15.3 x 7.6 in. (305 x 387 x 192 mm)	15.5 x 24.9 x 9.8 in. (394 x 632 x 249 mm)	1100-115V/200-230V, 50/60Hz	1200W
COL 35	TSCOL35	35 Liter	35.0, 41.5, 44.5 and 45.5°C	±0.1°C / ±0.05°C	12 x 27.3 x 7.6 in. (305 x 692 x 192 mm)	15.5 x 36.9 x 9.8 in. (394 x 938 x 249 mm)	1100-115V/200-230V, 50/60Hz	1500W

* Uniformity and stability tests were performed with cover installed and ambient controlled to ±1°C.
** GP models come with N5-15 Plug.
† Heater output at 120V and 240V.

Accessories for Circulating and Coliform Water Baths

	TSCIR19	TSCIR35	TSCIR89	TSCOL19	TSCOL35
Stainless Steel Petri Dish Rack	3166183	3166183	3166183	3166183	3166183
Stainless Steel Test Tube Rack	3161601	3161601	3161601	3161601	3161601
Nalgene Test Tube Half Rack – White 36 x 13 mm	5972-0013TC	5972-0013TC	5972-0013TC	5972-0013TC	5972-0013TC
Nalgene Test Tube Half Rack – White 36 x 16 mm	–	5972–0016TC	5972-0016TC	–	5972-0016TC
Nalgene Test Tube Half Rack – White 20 x 20 mm	–	5972-0020TC	5972-0020TC	–	5972-0020TC
Nalgene Test Tube Half Rack – White 16 x 25 mm	–	5972-0025TC	5972-0025TC	–	5972-0025TC
Nalgene Test Tube Half Rack – White 9 x 30 mm	–	5972-0030TC	5972-0030TC	–	5972-0030TC
Nalgene Test Tube Full Rack – Red 72 x 13 mm	–	5970-0513TC	5970-0513TC	–	5970-0513TC
Nalgene Test Tube Full Rack – Red 72 x 16 mm	–	–	5970-0516TC	–	5970-0516TC
Nalgene Test Tube Full Rack – Red 40 x 20 mm	–	–	5970-0520TC	–	5970-0520TC
Nalgene Test Tube Full Rack – Red 40 x 25 mm	–	–	5970-0525TC	–	5970-0525TC
Nalgene Test Tube Full Rack – Red 24 x 30 mm	–	–	5970-0530TC	–	5970-0530TC
Replacement Diffuser Tray	316008	316007	316006	316008	316007
Quick Drain Kit	098246	098246	098246	098246	098246

What is the ideal capacity of a Precision general purpose, circulating and coliform water bath?

Below are recommended quantities of beakers, flasks and test tube racks to best fit into each model.

Beakers and Flasks

	General Purpose Water Baths							Circulating and Coliform Water Baths				
	TSGP02	TSGP2S	TSGP05	TSGP10	TSGP20	TSGP28	TSGP15D	TSCIR19	TSCIR35	TSCIR89	TSCOL19	TSCOL35
Beakers (minimum spacing: 2.50 cm)												
100 mL	1	3	3	12	18	18	15	12	24	66	12	24
150 mL	1	3	3	9	15	15	12	12	21	50	12	21
250 mL	1	2	2	6	8	8	8	6	14	36	6	14
400 mL	1	2	2	4	8	8	6	6	12	32	6	12
Erlenmeyer Flasks (minimum spacing: 2.50 cm)												
25 mL	1	4	4	16	28	28	20	20	40	78	20	40
50 mL	1	3	3	12	18	18	15	12	24	66	12	24
125 mL	1	2	2	9	10	10	11	9	21	36	9	21
250 mL	1	2	2	4	8	8	6	6	12	32	6	12
500 mL	0	2	2	4	6	6	6	4	10	21	4	10
1000 mL	0	0	0	1	3	3	1	2	4	10	2	4

Test Tube Racks

			General Purpose Water Baths							Circulating and Coliform Water Baths				
Test Tube Diameter (mm)	Rack	Tubes / Rack	TSGP02	TSGP2S	TSGP05	TSGP10	TSGP20	TSGP28	TSGP15D	TSCIR19	TSCIR35	TSCIR89	TSCOL19	TSCOL35
How many racks fit in my bath?														
13	5972-0013TC	36	1	2	2	6	8	8	8	6	12	32	6	12
16	5972-0016TC	36	0	2	2	4	6	6	6	4	10	18	4	10
20	5972-0020TC	20	0	2	2	4	8	8	6	6	12	24	6	12
25	5972-0025TC	16	0	2	2	4	6	6	6	6	10	21	6	10
30	5972-0030TC	9	0	2	2	4	8	8	6	6	12	28	6	12
13	5970-0513TC	72	0	1	1	3	4	4	4	3	6	16	3	6
16	5970-0516TC	72	0	1	1	2	3	3	3	2	5	9	2	5
20	5970-0520TC	40	0	1	1	3	4	4	4	3	6	12	3	6
25	5970-0525TC	40	0	0	0	2	2	2	2	2	4	7	2	4
30	5970-0530TC	24	0	1	1	2	4	4	3	3	6	12	3	6
How many test tubes is that?														
13	5972-0013TC	36	36	72	72	216	288	288	288	216	432	1152	216	432
16	5972-0016TC	36	0	72	72	144	216	216	216	144	360	648	144	360
20	5972-0020TC	20	0	40	40	80	160	160	120	120	240	480	120	240
25	5972-0025TC	16	0	32	32	64	96	96	96	96	160	336	96	160
30	5972-0030TC	9	0	18	18	36	72	72	54	54	108	252	54	108
13	5970-0513TC	72	0	72	72	216	288	288	288	216	432	1152	216	432
16	5970-0516TC	72	0	72	72	144	216	216	216	144	360	648	144	360
20	5970-0520TC	40	0	40	40	120	160	160	160	120	240	480	120	240
25	5970-0525TC	40	0	0	0	80	80	80	80	80	160	280	80	160
30	5970-0530TC	24	0	24	24	48	96	96	72	72	144	288	72	144

SWB 27 Water Bath

Thermo Scientific Precision Shaking Water Baths

Precision shaking water baths support a range of sensitive life science and QA/QC applications, from warming fragile reagents to tissue culturing and genetics sequencing. Easily clean and maintain your bath with new coil-free interior. Precision shaking water baths are available in 15 L and 27 L capacities.

The Precision shallow form shaking bath has a capacity of 15 L with a removable tray that provides a depth of 3.5 in (8.9 cm) for use with smaller sample containers.

Precision Dubnoff shaking water baths are designed specifically for applications that require your samples to be incubated in a controlled atmosphere. This bath has 15 L capacity and a depth of 3.5 in (8.9 cm). One large and two small gassing hoods are included with each bath along with the gable cover.

Additional features:

- Easily clean and maintain bath with the new coil-free design
- Optimize scheduling with auto-on and auto-off timers
- Help prevent bath overheating and damage with low-fluid protection
- Conveniently save commonly used settings with four temperature and shaking speed presets
- Help protect your work with audible alarms
- Easily operate and monitor with icon-based graphical display
- Accommodate taller labware with new hinged lid and extended height
- Features next-generation shaker motor
- Baths come with stainless steel gable cover, shaking tray, and rubber duck
- Adjustable shaking speed from 30 to 200 oscillations per minute
- UL Listed and CE Marked; US FDA Class I Medical Device

SWB 15S Water Bath

SWB 15 Water Bath

DUB 15 Water Bath

Precision Shaking Water Bath Specifications

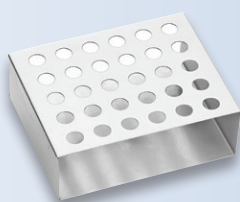| Model	Cat. No.	Chamber Capacity	Temperature Range	Temperature Stability / Uniformity @ 37°C*	Work Area (Removable Tray) (L x W x H)*	Overall Dimensions Without Cover (L x W x H)	Global Voltage**	Heater Output†
SWB 15	TSSWB15	15 Liter	Amb. + 5°C to 100°C	±0.1°C / ±0.05°C	11.5 x 12 x 6.5 in. (292 x 305 x 165 mm)	15.5 x 24.9 x 9.8 in. (394 x 632 x 249 mm)	100-115V/200-230V, 50/60Hz	1200W
SWB 27	TSSWB27	27 Liter	Amb. + 5°C to 100°C	±0.1°C / ±0.05°C	11.5 x 24 x 6.5 in. (292 x 610 x 165 mm)	15.5 x 36.9 x 9.8 in. (394 x 938 x 249 mm)	100-115V/200-230V, 50/60Hz	1500W
SWB 15S	TSSWB15S	15 Liter (Shallow)	Amb. + 5°C to 100°C	±0.1°C / ±0.05°C	11.5 x 12 x 3.5 in. (292 x 305 x 89 mm)	15.5 x 24.9 x 9.8 in. (394 x 632 x 249 mm)	100-115V/200-230V, 50/60Hz	1200W
DUB 15	TSDUB15	15 Liter (Dubnoff)	Amb. + 5°C to 100°C	±0.1°C / ±0.05°C	11.5 x 12 x 3.5 in. (292 x 305 x 89 mm)	15.5 x 24.9 x 9.8 in. (394 x 632 x 249 mm)	100-115V/200-230V, 50/60Hz	1200W

* Uniformity and stability tests were performed with cover installed and ambient controlled to ±1°C. Fits in bath opening (L x W x H) on 15 L shaking baths 12 x 15.3 x 7.6 in. (305 x 387 x 193 mm) and on 27 L shaking baths 12 x 27.3 x 7.6 in. (305 x 692 x 193 mm).
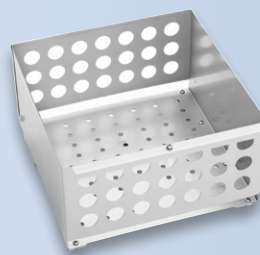
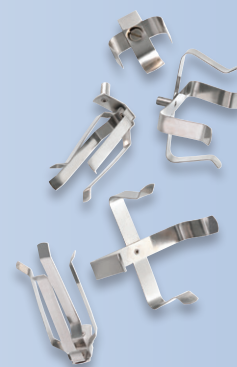** GP models come with N5-15 Plug.

† Heater output at 120V and 240V.

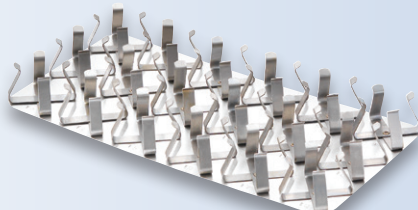Small Gassing Hood

Microfuge Tube Rack

High Wall Tray

Flask Clips

Test Tube Tray

Flask Tray

Fasteners

Accessories for Precision Shaking Water Baths

		TSSWB15	TSSWB27	TSSWB15S	TSDUB15
Large Gassing Hood	Permits control over the atmosphere surrounding the sample. Also improves temperature uniformity and reduces energy consumption. Each bath will accommodate 1 large hood or 2 small hoods. Measures: 11.21 x 11.35 in. (285 x 288 mm)	–	–	3162640	3162640
Small Gassing Hood	Permits control over the atmosphere surrounding the sample. Also improves temperature uniformity and reduces energy consumption. Each bath will accommodate 1 large hood or 2 small hoods. Measures: 5.6 x 11.35 in. (142 x 288 mm)	–	–	3162639	3162639
0.5 mL Microfuge Tube Rack*	Secure various size microfuge tubes to the bath platform. Requires one fastener. Measures: 5 x 4 x 1–1/2 in. (127 x 101 x 39 mm)	3166184	3166184	3166184	3166184
1.0 mL Microfuge Tube Rack*	Secure various size microfuge tubes to the bath platform. Requires one fastener. Measures: 5 x 4 x 1–1/2 in. (127 x 101 x 39 mm)	3166185	3166185	3166185	3166185
Test Tube Tray 13–25 mm (holds 10 tubes)	Tray containing a number of prearranged test tube clips. Does not require additional hardware. Measures 5 x 10.2 in. (127 x 259 mm)	3161597	3161597	3161597	3161597
Flask Tray 25 mL (holds 18 flasks)	Tray containing a number of prearranged flask clips. Does not require additional hardware. Measures 5 x 10.2 in. (127 x 259 mm)	3161599	3161599	3161599	3161599
Flask Tray 50mL (holds 10 flasks)	Tray containing a number of prearranged flask clips. Does not require additional hardware. Measures 5 x 10.2 in. (12.7 x 25.9 cm)	3166228	3166228	3166228	3166228
High Wall Tray – Small	Hold large objects (11.25 x 12.5 x 7.5 in.)	3164716	–	3164716	3164716
High Wall Tray – Large	Hold large objects (11.25 x 24 x 7.5 in.)	–	3164717	–	–
Test Tube Clip 13 mm-25 mm*	Secure various size test tubes to the bath platform. Stainless Steel. Each requires one fastener.	3166216	3166216	3166216	3166216
Bath Capacity		20	48	20	20
Flask Clips – 25 mL*	Secure 25mL flasks to the bath platform. Stainless Steel. Each requires one fastener.	3166227	3166227	3166227	3166227
Bath Capacity		20	48	20	20
Flask Clips – 5 0mL*	Secure 50mL flasks to the bath platform. Stainless Steel. Each requires one fastener.	3166198	3166198	3166198	3166198
Bath Capacity		15	36	15	15
Flask Clips – 125 mL*	Secure 125mL flasks to the bath platform. Stainless Steel. Each requires one fastener.	3166221	3166221	3166221	3166221
Bath Capacity		9	24	9	9
Flask Clips – 250 mL*	Secure 250mL flasks to the bath platform. Stainless Steel. Each requires one fastener.	3166566	3166566	3166566	3166566
Bath Capacity		6	14	6	6
Flask Clips – 500 mL*	Secure 500mL flasks to the bath platform. Stainless Steel. Each requires one fastener.	3166199	3166199	3166199	3166199
Bath Capacity		4	12	4	4
Flask Clips – 1000 mL*	Secure 1000mL flasks to the bath platform. Stainless Steel. Each requires one fastener.	3166200	3166200	3166200	3166200
Bath Capacity		2	5	2	2
Fasteners (packs of 25)	One required for each test tube clip and flask clip	3166189	3166189	3166189	3166189
Quick Drain Kit	Quick Disconnect drain insert for easier draining, comes drain insert, drain tap, and hose.	098246	098246	098246	098246

*Requires Fasteners (Part Number 3166189)
All water baths and accessories currently not available in North America.

What is the ideal capacity of a Precision Shaking Water Bath?

Below are recommended quantities of flasks and test tubes to best fit in each model.

Flasks and Test Tubes

			Shaking Water Baths			
			TSSWB15	TSSWB27	TSSWB15S	TSDUB15
Erlenmeyer Flasks						
Flask Volume	**Flask Clip Cat. No.**	**Fastener Cat. No.**	**Flask Clip & Fastener Quantity***			
25 mL	3166227	3166189	20	48	20	20
50 mL	3166198	3166189	15	36	15	15
125 mL	3166221	3166189	9	24	9	9
250 mL	3166566	3166189	6	14	6	6
500 mL	3166199	3166189	4	12	4	4
1000 mL	3166200	3166189	2	5	2	2
Test Tubes						
Test Tube Volume	**Test Tube Clip Cat. No.**	**Fastener Cat. No.**	**Test Tube Clip & Fastener Quantity***			
13-25 mm	3166216	3166189	20	48	20	20

*Quantity of each flask clip, test tube clip and fastener that fits in each shaking water bath.

Find out more at **thermofisher.com/precisionbaths**

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