

Water Baths Ecotherm, Dinkelberg Analytics

For decades, these sturdy, long-lived water baths made of white polypropylene (PP) have proven their worth in practical application. They are temperature resistant to 95°C, are easy to operate via a central control element and include a perforated floor plate. Optionally available with integrated circulation (circulation pumps can be switched on or off)

Control:

Digital timer with adjustable holding time (0.5 – 99.5 hours), bright LED display with a temperature range of 5°C above ambient temperature up to 95°C, switching accuracy: $\pm 0.1^\circ\text{C}$.

Safety:

Detection of sensor breakage and insufficient water level guarantees a high safety standard. With mechanical overtemperature limiter for switch-off when the maximum operating temperature is reached. Additional safety thanks to timer for freely selectable switch-off. Each water bath is safety-tested and in conformity.

Water baths

	①		③	
Model	E5	E5U	E10	E10U
Type	DIET231220v15	DIET231220Uv15	DIET232320v15	DIET232320Uv15
Circulation	no	yes	no	yes
Outer WxHxD mm	355x258x145	355x258x170	355x258x250	355x258x250
Useful WxHxD mm	230x200x125	230x200x150	230x200x230	230x200x230
Useful vol. l	5.85	6.9	10.6	10.6
Wght kg	3.3	4.2	5	6
P rating kW	0.5	0.5	1.0	1.0
Control precision $^\circ\text{C}$	± 0.4	± 0.2	± 0.4	± 0.2
Order No.	10 32 12305	10 32 12306	10 32 12309	10 32 12310

	④			
Model	E11	E11U	E12	E12U
Type	DIET382312v15	DIET382312Uv15	DIET391520v15	DIET391520Uv15
Circulation	no	yes	no	yes
Outer WxHxD mm	505x178x250	505x178x250	515x258x170	515x258x170
Useful WxHxD mm	380x120x230	380x120x230	390x200x150	390x200x150
Useful vol. l	10.5	10.5	11.7	11.7
Wght kg	5	6	5	6
P rating kW	1.0	1.0	1.5	1.5
Control precision $^\circ\text{C}$	± 0.4	± 0.2	± 0.4	± 0.2
Order No.	10 32 12311	10 32 12312	10 32 12313	10 32 12314

	②			
Model	E19	E19U	E30	E30U
Type	DIET392420v15	DIET392420Uv15	DIET393820v15	DIET393820Uv15
Circulation	no	yes	no	yes
Outer WxHxD mm	515x258x315	515x258x315	515x258x450	515x258x450
Useful WxHxD mm	390x200x245	390x200x245	390x200x380	390x200x380
Useful vol. l	19.1	19.1	29.6	29.6
Wght kg	6.5	7.5	9	10
P rating kW	2.2	2.0	2.5	2.5
Control precision $^\circ\text{C}$	± 0.4	± 0.3	± 0.4	± 0.3
Order No.	10 32 12318	10 32 12317	10 32 12330	10 32 12331

Model	E38	E38U	E70	E70U	F
Type	DIET883612v15	DIET883612Uv15	DIET104615v15	DIET104615Uv15	DIETF403126
Circulation	no	yes	no	yes	no
Outer WxHxD mm	1000x178x415	1000x178x415	1125x280x530	1125x280x530	405x310x260
Useful WxHxD mm	875x120x360	1000x150x460	1000x150x460	1000x150x460	—
Useful vol. l	37.8	37.8	69	69	5 l container
Wght kg	16.5	17.5	19.5	20.5	6
P rating kW	3.0	3.0	3.0	3.0	1.9
Control precision $^\circ\text{C}$	± 1.2	± 0.6	± 1.2	± 0.6	± 0.4
Order No.	10 32 12338	10 32 12339	10 32 12370	10 32 12371	10 32 12372



①



②



③



④



Water bath covers

Article	Type	for	Order No.
Flat cover/PP white, with handle for E5	DIFDO05	E5	44 32 43005
⑤ Flat cover/PP white, with handle for E10	DIFDO10	E10 / E10U	44 32 43010
Flat cover/PP white, with handle for E11	DIFDO11	E11 / E11U	44 32 43020
Flat cover/PP white, with handle for E19	DIFDO19	E19 / E19U	44 32 43015
⑥ Sloping cover/PP white, with handle for E19	DISDO19	E19 / E19U	44 32 43110
Sloping cover/PP white, with handle for E30	DISDO30	E30 / E30U	44 32 43125
Hinges for fastening a one-piece inclined lid, for installation to water bath	DISDOSF	E5 to E30	10 32 13126

Further flat and sloping covers are available for each model

Accessories

Article	Order No.
⑦ Underwater shaker insert for E12 (max. 1), E19 (max. 2), E30 (max. 2) PP, white, for Butyrometer and test tubes, 18 wells, Ø 26 mm	44 32 44018
⑧ ThermoClean DC for all models Water bath stabiliser solution, 100 ml	10 32 14019

Special equipment (can be integrated in any bath on request)

Article	Order No.
Drain cock for all models 1/2 ball valve, incl. installation	44 32 45010
Drain cock for E19 or higher PP, incl. assembly, recommended for water baths of 19 litres and up	10 32 15011



⑤



⑥



⑦



⑧