

SAHARA Series Heating Bath Circulators, Thermo Scientific



thermo scientific

Inexpensive open-bath circulators, comprised of very rigid baths made of modified PPO (thermally resistant up to 100°C) and the temperature control units STANDARD (SC) and ADVANCED (AC). The baths have integrated grips and supports. The bridge can be used for later fitting of an immersing cooler and a cooling coil.

A wide range of accessories is available for adapting the units to the usual standard applications. There are insertable racks for test glassware or plastic tubes as well as height-adjustable platforms for placing vessels of different heights in the bath.

Features

- Sahara S5P, S14P, S21P polyphenylene oxide baths are particularly well suited for water as heating fluid
- Circulator heads can be turned on the bath in any kind of 90° increments (not with the small S5P)
- Choose between 3 different bath volumes
- All baths have integrated grip ledges
- Complies with CE and RoHS
- 3 years warranty

Bath circulators

Technical data:

Type		S5P heated bath	S14P heated bath	S21P heated bath
Temperature range	°C	Amb. +13 to 100	Amb. +13 to 100	Amb. +13 to 100
Dimensions (H×W×D)	mm	160×373×330	330×373×380	330×373×540
Safety class		1 (NFL)	1 (NFL)	1 (NFL)
Bath capacity	l	3 – 5	8 – 14	13 – 21
Net weight	kg	5.1	6.3	6.6
With tap water cooling coil added	°C	+20 – 100	+20 – 100	+20 – 100

Type	Heating bath S5P Order No.	Heating bath S14P Order No.	Heating bath S21P Order No.
SC100 ¹⁾	10 53 32305	10 53 32314	10 53 32321
SC150 ¹⁾	10 53 33305	10 53 33314	10 53 33321
AC150 ²⁾		10 53 35314	10 53 35321
AC200 ²⁾		10 53 36314	10 53 36321

¹⁾ Voltage 230V/50Hz

²⁾ Voltage 208-230V/50-60Hz

Accessories

Article	Order No.
Universal stainless steel rack 283×145 mm for bath types A10B, S49. Two inserts with different sizes of holes can be varied in height within the rack	10 53 31602
2× rack inserts 283×145 mm rack for 86 test tubes of 10 mm Ø	10 53 31603
2× rack inserts 283×145 mm rack for 46 test tubes of 16 mm Ø	10 53 31604
2× rack inserts 283×145 mm rack for 23 test tubes of 25 mm Ø	10 53 31605
2× rack inserts 283×145 mm rack without holes Customer may provide special size holes	10 53 31606
Extension bridge for S14P + S21P liftplate	10 53 31698
Tap water cooling coil for SC100/150 und AC150/200 for S13, S21, S49	10 53 31614
Stainless steel bath lid for S5P bath	10 53 31620
Stainless steel bath lid for S14P bath	10 53 31623
Stainless steel bath lid for S21P bath	10 53 31622
Autorefill (100-230V/50-60Hz) box without level sensor or bath lid; for operation with multifunction port of AC200 heads	10 53 31630
Solenoid valve (100-230V/50-60Hz) box for e.g. control of tap water cooling coil; for operation with multifunction port of AC200 heads	10 53 31610

