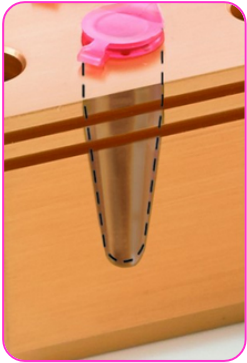


# S700-50/-56 ChillBlock™ Racks



## For Tubes, Strips and Plates

**SBS standard footprint compatible for quick transfer to automated systems**

S700-50 (96 well) and S700-56 (60 well) ChillBlock™ tube racks will accept\* 200 µl PCR tubes, strips, plates and microcentrifuge tubes

\*Depending on the model

- Made of thermo-conductive metal alloy
- Alphanumeric identification of wells facilitating tube location
- Anodized surface resistant to rust, corrosion, and abrasion
- Temperature uniformity through ChillBlock™ rack
- Autoclavable or clean with disinfectants

### THERMAL CAPABILITIES – ChillBlock™ Racks

#### Use on Ice:

- Adapts from ambient to <4°C in 60-90 seconds
- Samples and labels stay dry, organized and uniform in temperature
- Hours of ice cooling without direct ice contact

#### Use on Dry Ice:

- Adapts from ambient to <-78°C in 5-7 minutes
- Eliminates ethanol – cost savings, no hazardous waste
- Equal or better freezing rate when compared to other methods

#### Use above Liquid Nitrogen:

- Adapts from ambient to <-140°C in 15 minutes
- Samples are upright and organized as they freeze
- No direct contact between samples and liquid nitrogen

#### Heating Methods:

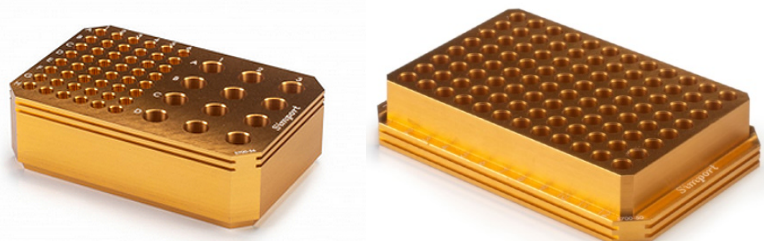
- Use ChillBlock tube racks with heat e.g. Waterbaths, Incubators, Hot Plates and Ovens.



Cat. №	Wells	Dimensions (L x W x H)
S700-50	96	12.8 x 8.5 x 2.5 cm
S700-56	60	12.8 x 8.5 x 3.2 cm

S700-50 Racks hold 200µL PCR tubes, strips, or plates.

S700-56 Racks hold 12 screw cap Microcentrifuge tubes or 1.5 ml and 2.0 ml snap cap Microcentrifuge tubes along with up to 6 PCR strips or 48 individual 0.2 ml PCR tubes.



### SPECIFICATIONS

Material	Thermo-conductive metal
Temperature range	From -150°C to >+100°C
Autoclavable	Yes
Qty/Cs	1

# S700-80 ChillBlock™ Racks

## For Cryogenic Vials

**SBS standard footprint compatible for quick transfer to automated systems**

S700-80 ChillBlock™ Cryogenic vial racks are specially designed for Cryogenic vials with 15 wells. Racks will hold 1.0 ml to 2.0 ml inner and outer threaded Cryogenic vials



- Made of thermo-conductive metal alloy
- Alphanumeric identification of wells facilitating tube location
- Anodized surface resistant to rust, corrosion, and abrasion
- Temperature uniformity through ChillBlock™ rack
- Autoclavable or clean with disinfectants



### THERMAL CAPABILITIES – ChillBlock™ Rack

#### Use on Ice:

- Adapts from ambient to <math><4^{\circ}\text{C}</math> in 60-90 seconds
- Samples and labels stay dry, organized and uniform in temperature
- Hours of ice cooling without direct ice contact

#### Use on Dry Ice:

- Adapts from ambient to <math><-78^{\circ}\text{C}</math> in 5-7 minutes
- Eliminates ethanol – cost savings, no hazardous waste
- Equal or better freezing rate when compared to other methods

#### Use above Liquid Nitrogen:

- Adapts from ambient to <math><-140^{\circ}\text{C}</math> in 15 minutes
- Samples are upright and organized as they freeze
- No direct contact between samples and liquid nitrogen

#### Heating Methods:

- Use ChillBlock racks for Cryogenic vials with heat e.g. Waterbaths, Incubators, Hot Plates and Ovens.

Cat. No	Wells	Dimensions (L x W x H)
S700-80	15	9.6 x 6 x 3.2 cm

SPECIFICATIONS	
Material	Thermo-conductive metal
Height	3.2 cm
Temperature range	From -150°C to >+100°C
Properties	For use with Cryogenic vials
Autoclavable	Yes
Qty/Cs	1

# S700-90 ChillBlock™ Platform



## High Profile, for Water Baths

### For use with ChillBlock™ Racks

**S700-90 - ChillBlock™ Platform will keep ChillBlock™ racks at the proper temperature and remain completely dry while on the platform**

- Made of thermo-conductive metal alloy
- Anodized surface resistant to rust, corrosion, and abrasion
- Temperature uniformity through ChillBlock™ rack
- Autoclavable or clean with disinfectants

#### THERMAL CAPABILITIES – ChillBlock™ Platform

##### Use on Ice:

- Adapts from ambient to <math><4^{\circ}\text{C}</math> in 60-90 seconds
- Samples and labels stay dry, organized and uniform in temperature
- Hours of ice cooling without direct ice contact

##### Use on Dry Ice:

- Adapts from ambient to <math><-78^{\circ}\text{C}</math> in 5-7 minutes
- Eliminates ethanol – cost savings, no hazardous waste
- Equal or better freezing rate when compared to other methods

##### Use above Liquid Nitrogen:

- Adapts from ambient to <math><-140^{\circ}\text{C}</math> in 15 minutes
- Samples are upright and organized as they freeze
- No direct contact between samples and liquid nitrogen

##### Heating Methods:

- Use ChillBlock platforms with heat e.g. Waterbaths, Incubators, Hot Plates and Ovens.



S700-90

Cat. No	Dimensions (L x W x H)
S700-90	27.9 x 14 x 8.6 cms

SPECIFICATIONS	
Material	Thermo-conductive metal
Temperature range	From -150°C to >+100°C
Properties	For use with ChillBlock tube racks
Autoclavable	Yes
Qty/Cs	1