

# 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