

XT Starter

Compact, versatile ice-free cooler

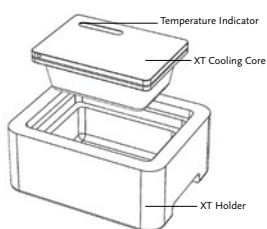
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- Compact footprint, low profile. Ideal for use in the hood.
- XT Cooling Core inside provides uniform 2°C cooling to all samples for 4 hours – no well to well variability!
- Temperature indicator provides visual assurance of operating temperature.
- Accommodates a variety of CoolRack® and CoolSink® tube and plate modules.



XT Starter is an open-platform cooler that accommodates most CoolRack® and CoolSink® modules. The low profile and small footprint make it ideal for use in the hood. Keeps samples at a uniform 2°C for over 4 hours. 1 to 8°C temperature indicator provides visual assurance of proper temperature. XT Starter includes one XT Holder and one XT Cooling Core. To extend the cooling duration, keep an additional XT Cooling Core in the freezer and replace the Core as needed.



How it works: Simply freeze XT Cooling Core in a -20°C freezer until completely frozen. When ready to use, remove from freezer and when the temperature display registers 1°C (approx. 10 minutes) insert into the XT Holder. Place a variety of CoolRack® or CoolSink® sample modules on top.



Samples directly in ice
Non-reproducible method. Insulating air pockets create non-uniform temperatures. Unorganized and at risk of contamination.



CoolRack module on ice
Reproducible method. Alloy rapidly adapts to ice temperature and holds all samples at the same temperature. No direct ice contact.



XT Starter method
Reproducible method. Samples stay uniformly cold (2°C) for over 4 hours without risk of ice contamination. Compact size, flexible format.

Ordering Information



XT Starter

Includes: (1) purple XT Holder and (1) XT Cooling Core.
Accommodates one CoolRack® or CoolSink® sample module. (see below)

Item No.	Description	Dimensions (L x W x H)
BCS-504	● XT Starter, purple	External: 16.3 x 12.1 x 6.1 cm
BCS-513	● XT Holder only, purple	
BCS-511	XT Cooling Core	

Tube and Plate Sample Modules for XT Starter

Item No.	Description	For Use With	Dimensions (L x W x H)
BCS-535	CoolRack XT M24	24 x 1.5 mL microfuge tubes	12.8 x 8.5 x 3.8 cm
BCS-534	CoolRack XT CFT24	24 x 1.0 or 2.0 mL cryogenic vials	12.8 x 8.5 x 3.8 cm
BCS-529	CoolRack XT PCR96	one 96-well PCR plate, strip wells, tubes	12.7 x 8.6 x 2.5 cm
BCS-523	CoolRack XT M-PCR	12 x 1.5 or 2.0 mL microfuge tubes /6 strip well	12.7 x 8.6 x 3.8 cm
BCS-538	CoolRack XT PCR384	one 384-well PCR plate	12.7 x 8.6 x 1.9 cm
BCS-265	CoolRack SV10	12 injectable cell therapy ampules	12.7 x 8.6 x 3.8 cm
BCS-536	CoolSink XT 96F	one 96 or 384-well flat-bottom plate	12.8 x 8.5 x 1.7 cm
BCS-537	CoolSink XT 96U	one 96-well u-bottom plate	12.8 x 8.5 x 1.7 cm



Tall Tube Modules

Item No.	Description	For Use With	Dimensions (L x W x H)
BCS-232	CoolRack L	12 centrifuge tubes (15 mL), insulated	13.7 x 9.5 x 11.8 cm
BCS-235	CoolRack LV	12 blood tubes (13x75mm), insulated	13.7 x 9.5 x 9.6 cm



Complete "Ready to Use" XT Starter Systems



XT Starter PCR96 System

Item No.	Description	For Use With
BCS-556	XT Starter PCR96 System	For ice-free PCR/qPCR preparation. Low profile, open platform ice-free cooler holds one 96-well PCR plate, strip-wells or 200 ul tubes



XT Starter M-PCR System

Item No.	Description	For Use With
BCS-557	XT Starter M-PCR System	For ice-free PCR/qPCR preparation. Low profile, open platform ice-free cooler holds 12 x 1.5 mL or 2.0 mL microfuge tubes and 6 rows of PCR stripwells



CoolCell® SV2 Stem Cell Cryopreservation System

Item No.	Description	For Use With
BCS-172CS	CoolCell SV2 Stem Cell Cryopreservation System	Kit designed for efficient and controlled preparation and cryopreservation of stem cells and cell therapy products. For 2 mL injectable cell therapy ampules.



CoolCell® SV10 Stem Cell Cryopreservation System

Item No.	Description	For Use With
BCS-262CS	CoolCell SV10 Stem Cell Cryopreservation System	Kit designed for efficient and controlled preparation and cryopreservation of stem cells and cell therapy products. For 10 mL injectable cell therapy ampules.

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