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All Cooling Workstations

Cooling Workstation, Double Capacity (formerly CoolBox™ 2XT System)



BCS-503G | Cooling Workstation, Double Capacity (formerly CoolBox 2XT System)

Cooling Workstation, Double Capacity ice-free bench top cooling workstations provide sample cooling or freezing without ice, electricity or batteries

- Ice-free cooling/freezing systems with lid
- Fits a choice of Thermoconductive Rack modules
- Small footprint
- Keeps samples cold for up to 16 hours
- Keeps samples frozen for up to 8 hours

Overview

Ice-Free Cooling Workstation systems are bench top cooling workstations that provide sample cooling or freezing without ice, electricity or batteries. Ice-Free Cooling Workstation systems are versatile and accommodate a variety of sample formats and temperatures. The modular design enables the use of Thermoconductive Rack thermo-conductive sample modules to hold microfuge tubes, cryogenic vials, PCR tubes or plates, and more.

Key Features

- **Secure Sample Preparation**
 - Operates without ice, batteries or electricity
 - Keeps samples cold at a uniform 0.5 to 4.0°C for up to 16 hours
 - Keeps samples frozen (<0°C) for up to 8 hours
 - The built-in 1-8°C temperature indicator provides visual assurance of operational temperature while working
- **Broad Compatibility**

- Versatile: accommodates most Thermoconductive Rack modules
- Small footprint ideal for use in the hood especially in keeping temperature sensitive solutions cold
- To extend the cooling/freezing duration, keep an additional Cooling/Freezing Core in the freezer and replace the cartridge as needed
- **How it Works: Ease of Use**
 - Freeze the Cooling/Freezing Core in -20°C freezer
 - Place frozen core in base/holder
 - Rest Thermoconductive Rack module on cartridge
 - Module will equilibrate and maintain temperature via thermo-conductivity
 - To extend the cooling/freezing duration, keep an additional Cooling/Freezing Core in the freezer and replace the core as needed
 - Dry ice may be used in place of the cores to create a compact snap freezing workstation

Specifications

Parameter	Cooling Workstation, Double Capacity
Internal dimensions (L x W x H)	21.0 x 14.3 x 13.4cm*
External dimensions (L x W x H)	26.5 x 20.0 x 15.0cm
For use with	tube and plate modules
Cooling** (lid open/closed)	10 hours/16 hours
Freezing*** (lid open/closed)	5 hours/8 hours

* Internal height of open space when core is in the base

** 0.5° to 4°C

*** <0°C

Ordering Information

Use these part numbers to request a quote, a demo or to contact an expert:

Part number	Description
Cooling Workstation, Double Capacity Ice-free cooling/freezing system for tube and plate modules; includes Cooling Workstation, Double Capacity base, collar, lid and 2 Cooling Coress	
BCS-503 BUY ONLINE*	purple; 1 system
BCS-503G BUY ONLINE*	green; 1 system

BCS-503O BUY ONLINE*	orange; 1 system
BCS-503PK BUY ONLINE*	pink; 1 system
Cooling Workstation, Double Capacity with Freezing Core Cooling Workstation, Double Capacity with Freezing Cores instead of Cooling Cores	
BCS-503-F BUY ONLINE*	purple; 1 system
Combi packs Pre-assembled Cooling Workstations, Double Capacity	
BCS-573 BUY ONLINE*	Cooling Workstation, Double Capacity PCR Sample Preparation System For use with 1 96-well PCR plate, 12 strip wells, 96 x 0.2ml tubes and 24 x 1.5 or 2.0ml microfuge tubes; includes 1 Cooling Workstation, Double Capacity System, 1 Thermoconductive Rack for 24 Microcentrifuge Tubes and 1 Thermoconductive Rack for 96-Well PCR Plates; 1 kit

*Online availability to US only

Cooling Workstation, Single Capacity (formerly CoolBox™ XT System)



BCS-502G | Cooling Workstation, Single Capacity (formerly CoolBox XT System)

Cooling Workstation, Single Capacity is an ice-free bench top cooling workstations providing sample cooling or freezing without ice, electricity or batteries

- Ice-free cooling/freezing systems with lid
- Fits a choice of Thermoconductive Rack modules
- Small footprint
- Keeps samples cold for up to 16 hours
- Keeps samples frozen for up to 8 hours

Overview

Cooling Workstation ice-free systems are bench top cooling workstations that provide sample cooling or freezing without ice, electricity or batteries. Cooling Workstation systems are versatile and accommodate a variety of sample formats and temperatures. The modular design enables the use of Thermoconductive Rack sample modules to hold microfuge tubes, cryogenic vials, PCR tubes or plates, and more.

Key Features

- **Secure Sample Preparation**
 - Operates without ice, batteries or electricity
 - Keeps samples cold at a uniform 0.5 to 4.0°C for up to 16 hours

- Keeps samples frozen (<0°C) for up to 8 hours
- The built-in 1-8°C temperature indicator provides visual assurance of operational temperature while working
- **Broad Compatibility**
 - Versatile: accommodates most Thermoconductive Rack modules
 - Small footprint ideal for use in the hood especially in keeping temperature sensitive solutions cold
 - To extend the cooling/freezing duration, keep an additional Cooling/Freezing Core in the freezer and replace the cartridge as needed
- **How it Works: Ease of Use**
 - Freeze the Cooling/Freezing Core in -20°C freezer
 - Place frozen core in base/holder
 - Rest Thermoconductive Rack module on cartridge
 - Module will equilibrate and maintain temperature via thermo-conductivity
 - To extend the cooling/freezing duration, keep an additional Cooling/Freezing Core in the freezer and replace the core as needed
 - Dry ice may be used in place of the cores to create a compact snap freezing workstation

Specifications

Parameter	Cooling Workstation, Single Capacity
Internal dimensions (L x W x H)	14.0 x 9.4 x 9.9cm*
External dimensions (L x W x H)	20.0 x 16.0 x 15.0cm
For use with	tube and plate modules
Cooling** (lid open/closed)	10 hours/16 hours
Freezing*** (lid open/closed)	5 hours/8 hours

* Internal height of open space when core is in the base

** 0.5° to 4°C

*** <0°C

Ordering Information

Use these part numbers to request a quote, a demo or to contact an expert:

Part number	Description
Cooling Workstation, Single Capacity System Ice-free cooling/freezing system for tube and plate modules; includes Cooling Workstation, Single Capacity base, collar, lid and 1 Cooling Core	

BCS-502 BUY ONLINE*	purple; 1 system
BCS-502G BUY ONLINE*	green; 1 system
BCS-502O BUY ONLINE*	orange; 1 system
BCS-502PK BUY ONLINE*	pink; 1 system
Cooling Workstation, Single Capacity System with Freezing Core Cooling Workstation, Single Capacity System with Freezing Core instead of Cooling Core	
BCS-502-F BUY ONLINE*	purple; 1 system
Combi packs Pre-assembled Cooling Workstation, Single Capacity systems	
BCS-570 BUY ONLINE*	Cooling Workstation, Single Capacity PCR96 System For use with 1 96-well PCR plate, 12 x strip wells or 96 x 0.2ml tubes; includes 1 Cooling Workstation, Single Capacity System and 1 SBS-compatible Thermoconductive Rack for 96-Well PCR Plates; 1 kit
BCS-572 BUY ONLINE*	Cooling Workstation, Single Capacity PCR Strip System For use with 6 strip wells and 12 microfuge tubes (1.5 to 2.0ml); includes 1 Cooling Workstation, Single Capacity System and 1 SBS-compatible Thermoconductive Rack for Microcentrifuge Tubes Plus Strip Wells ; 1 kit
BCS-575 BUY ONLINE*	Cooling Workstation, Single Capacity CryoTube 24 System For use with 24 x 1.0 to 2.0ml cryogenic vials with “gripping” wells for one hand tube opening/closing; includes 1 Cooling Workstation, Single Capacity System and 1 SBS-compatible Thermoconductive Rack for 24 Cryo or FACS Tubes ; 1 kit
BCS-576 BUY ONLINE*	Cooling Workstation, Single Capacity MicroTube 24 System For use with 24 x 1.5 to 2.0ml microfuge tubes; includes 1 Cooling Workstation, Single Capacity System and 1 SBS-compatible Thermoconductive Rack for 24 Microcentrifuge Tubes; 1 kit

*Online availability to US only

Cooling Workstation Open Platform, Single Capacity (formerly XT Starter)



Cooling Workstation Open Platforms, Single Capacity are bench top cooling systems providing sample cooling or freezing without ice, electricity or batteries

- Open-platform ice-free cooler
- Fits most Thermoconductive Tube Racks & Sinks
- Low profile and small footprint
- Keeps samples cold for up to 4 hours
- Monitoring of temperature performance

Overview

Ice-Free Cooling Workstation systems are bench top modules that provide sample cooling or freezing without ice, electricity or batteries. Ice-Free Cooling Workstation systems are versatile and accommodate a variety of sample formats and temperatures. The modular design enables the use of Thermoconductive Rack and Sink sample modules to hold microfuge tubes, cryogenic vials, PCR tubes or plates, assay plates and more.

Key Features

- **Secure Sample Preparation**
 - Operates without ice, batteries or electricity
 - Keeps samples at a uniform 0.5 to 4.0°C for up to 4 hours
 - The built-in 1-8°C temperature indicator provides visual assurance of operational temperature while working
- **Broad Compatibility**
 - Versatile: accommodates most Thermoconductive Rack and Sink modules
 - Low profile and small footprint ideal for use in the hood especially in keeping temperature sensitive solutions cold
 - To extend the cooling duration, keep an additional Cooling Core in the freezer and replace the core as needed
- **How it Works: Ease of Use**
 - Freeze the Cooling Core in -20°C freezer
 - Place frozen core in base
 - Rest Thermoconductive Rack or Sink module on core
 - Module will equilibrate and maintain temperature via thermo-conductivity
 - To extend the cooling duration, keep an additional Cooling Core in the freezer and replace the core as needed

Specifications

Parameter	Cooling Workstation Open Platform, Single Capacity
Box dimensions (L x W x H)	16.2 x 12.1 x 6.1cm
For use with	tube and plate modules
Cooling*	4 hours

* 0.5° to 4°C

Ordering Information

Use these part numbers to request a quote, a demo or to contact an expert:

Part number	Description
Cooling Workstation Open Platform, Single Capacity Ice-free cooling platform for tube and plate modules	
BCS-504 BUY ONLINE*	includes starter holder and 1 Cooling Core; purple; 1 system
BCS-513 BUY ONLINE*	holder only (no cooling core); 1 holder
Combi packs Pre-assembled Cooling Workstation Open Platform, Single Capacity systems	
BCS-556 BUY ONLINE*	Cooling Workstation Open Platform, Single Capacity PCR96 For use with one 96-well PCR plate, 12 x strip-well or 96 x 0.2ml tubes; includes 1 Cooling Workstation Open Platform, Single Capacity and 1 Thermoconductive Tube Rack for 96-Well PCR Plates; 1 kit
BCS-557 BUY ONLINE*	Cooling Workstation Open Platform, Single Capacity M-PCR For use with 12 x 1.5 or 2.0ml microfuge tubes and 6 rows of PCR strip-wells; includes 1 Cooling Workstation Open Platform, Single Capacity and 1 Thermoconductive Tube Rack for Microcentrifuge Tubes Plus Strip Wells; 1 kit

*Online availability to US only

Cooling Workstation Core (formerly XT Core)



BCS-511 | Cooling Workstation Cooling Core (formerly Cooling XT Core)

Internal cartridge for use with the Azenta Life Sciences Cooling Workstation Open Platform, Single Capacity; Cooling Workstation, Single Capacity, and Cooling Workstation, Double Capacity, keeping samples cold/frozen for up to 16 hours

- Reusable
- Uniform temperature distribution
- Up to 16 hours of sample cooling
- Up to 8 hours of sample freezing

Overview

The Cooling Workstation Cooling Core provides up to 16 hours of 0.5 to 4°C cooling with lid on and over 10 hours with lid off in Cooling Workstation, Single Capacity and Cooling Workstation, Double Capacity. The Cooling Core provides up to 4 hours of 2°C cooling in Cooling Workstation Open Platform, Single Capacity cooling system. The Freezing Core provides up to 8 hours of below 0°C freezing with Cooling Workstation, Single Capacity lid on and over 5 hours with lid off.

Both cooling and freezing cores feature a thermo-conductive surface for uniform temperature distribution.

Key Features

- **Secure Sample Preparation**
 - Thermo-conductive surface for uniform temperature distribution
 - The Cooling Core features a 1 to 8°C temperature indicator
- **Broad Compatibility**
 - The Cooling Core is suitable for use with all Cooling Workstation Open Platform, Single Capacity; Cooling Workstation, Single Capacity and Cooling Workstation, Double Capacity systems
 - The Freezing Core is suitable for use with all Cooling Workstation, Single Capacity and Cooling Workstation, Double Capacity systems
- **How it Works: Ease of Use**
 - Freeze the Core in -20°C freezer until frozen
 - Place frozen core in system base/holder
 - In Cooling Workstation, Single Capacity and Cooling Workstation, Double Capacity, keeping the lid closed helps extend sample cooling/freezing duration
 - Keep additional cooling or freezing cores in the freezer for flexibility and extended duration
 - Cooling Workstation, Double Capacity holds two Cooling/Freezing Cores

Specifications

Parameter	Cooling Core	Freezing Core
Core dimensions (L x W x H)	15.2 x 10.9 x 5.8cm	
Cooling* in Cooling Workstation Open Platform, Single Capacity	4 hours	n/a
Cooling* in Cooling Workstation, Single Capacity & Double Capacity (lid open/closed)	10 hours/16 hours	n/a
Freezing** in Cooling Workstation, Single Capacity & Double Capacity (lid open/closed)	n/a	5 hours/8 hours

* 0.5° to 4°C

** <0°C

Ordering Information

Use these part numbers to request a quote, a demo or to contact an expert:

Part number	Description
Cooling Workstation Core	
BCS-511 BUY ONLINE*	cooling core; 1 core
BCS-512 BUY ONLINE*	freezing core; 1 core

**Online availability to US only*

Cooling Workstation Single Capacity Extension Collar (formerly Extension Collar, for CoolBox™ XT)



BCS-502-C | Cooling Workstation Single Capacity Extension Collar (formerly Extension Collar, for CoolBox XT)

Height extender for use with Cooling Workstation, Single Capacity, to accommodate tall tube module for 3 to 50ml cryovials, centrifuge or blood collection tubes

- For use with tall tube modules
- Easy to fit on the Cooling Workstation, Single Capacity system

Overview

Use a Cooling Workstation Single Capacity Extension Collar Cooling Workstation, Single Capacity when keeping tall tubes modules for 3, 4, or 5ml cryovials, 15ml or 50ml centrifuge tubes and blood collection tubes in the Cooling Workstation, Single Capacity ice-free cooling system.

Place in between the base of the Cooling Workstation, Single Capacity system and the original collar. The collar is magnetized and easily adheres to the unit base.

Key Features

- **Properties & Use**
 - Enables the use of tall tube modules
 - Easy to use
 - Adheres easily to Cooling Workstation, Single Capacity base
 - Color options available

Specifications

Technical specifications

Parameter	Cooling Workstation Single Capacity Extension Collar
Internal dimensions (L x W x H)	14.0 x 9.4 x 7.0cm
External dimensions (L x W x H)	20.0 x 16.0 x 7.0cm

Ordering Information

Use these part numbers to request a quote, a demo or to contact an expert:

Part number	Description
Cooling Workstation Single Capacity Extension Collar For use with Cooling Workstation, Single Capacity systems to accommodate tall tube modules	
BCS-502-C BUY ONLINE*	purple; 1 collar
BCS-502-CG BUY ONLINE*	green; 1 collar
BCS-502-CO BUY ONLINE*	orange; 1 collar
BCS-502-CPK BUY ONLINE*	pink; 1 collar

*Online availability to US only

Cooling Workstation Double Capacity Extension Collar (formerly Extension Collar, for CoolBox™ 2XT)



BCS-503-C | Cooling Workstation Double Capacity Extension Collar (formerly Extension Collar, for CoolBox 2XT)

Height extender for use with Cooling Workstation, Double Capacity systems, to accommodate tall tube module for 3 to 50ml cryovials, centrifuge or blood collection tubes

- For use with tall tube modules
- Easy to fit on the Cooling Workstation, Double Capacity system

Overview

Use a Cooling Workstation Double Capacity Extension Collar when keeping tall tubes modules for 3, 4, or 5ml cryovials, 15ml or 50ml centrifuge tubes and blood collection tubes in the Cooling Workstation, Double Capacity ice-free cooling system.

Place in between the base of the Cooling Workstation, Double Capacity system and the original collar. The collar is magnetized and easily adheres to the unit base.

Key Features

- **Properties & Use**
 - Enables the use of tall tube modules
 - Easy to use
 - Adheres easily to CoolBox 2XT base
 - Color options available

Specifications

Parameter	Cooling Workstation Double Capacity Extension Collar
Internal dimensions (L x W x H)	21.0 x 14.3 x 7.0cm
External dimensions (L x W x H)	26.5 x 20.0 x 7.0cm

Ordering Information

Use these part numbers to request a quote, a demo or to contact an expert:

Part number	Description
Cooling Workstation Double Capacity Extension Collar For use with Cooling Workstation, Double Capacity systems to accommodate tall tube modules	
BCS-503-C BUY ONLINE*	purple; 1 collar
BCS-503-CG BUY ONLINE*	green; 1 collar
BCS-503-CO BUY ONLINE*	orange; 1 collar
BCS-503-CPK BUY ONLINE*	pink; 1 collar

*Online availability to US only

Cryo Tube Gripper



BCS-213MC | Cryo Tube Grippers

Cryo Tube Grippers are the perfect tool to protect fingers when extracting frozen tubes from Hinged CryoBoxes, Thermoconductive Racks or Cell-Freezing Containers

- Grips cryogenic vials by the cap
- Fit for internal and external thread cryo vials
- Compatible with microcentrifuge tubes

Overview

Cryo Tube Grippers are the perfect tool to protect fingers when extracting frozen tubes from Hinged CryoBoxes, Thermoconductive Racks or Cell-Freezing Containers.

Key Features

- **Properties & Use**
 - Unique design grips cryogenic vials by the cap
 - Allows you to lift the tube and move its position
 - Compatible with internal and external thread cryo vials
 - Also compatible with most microfuge tubes
 - Made of polypropylene polymer
 - Do not autoclave

Specifications

Parameter	Cryo Tube Gripper
Dimensions (L x W)	14.2 x 2.8cm (5.6 x 1.1in)

Ordering Information

Use these part numbers to request a quote, a demo or to contact an expert:

Part number	Description
Cryo Tube Gripper	
BCS-213MC BUY ONLINE*	multi-color; 5 grippers

*Online availability to US only

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