

making a difference



SAFEGUARDING YOUR SAMPLES

HIGH QUALITY CONSUMABLES

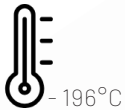
AND ACCESSORIES

for Sample Tracking
and Storage


greiner
BIO-ONE

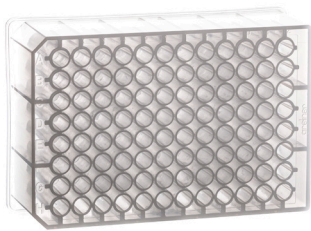
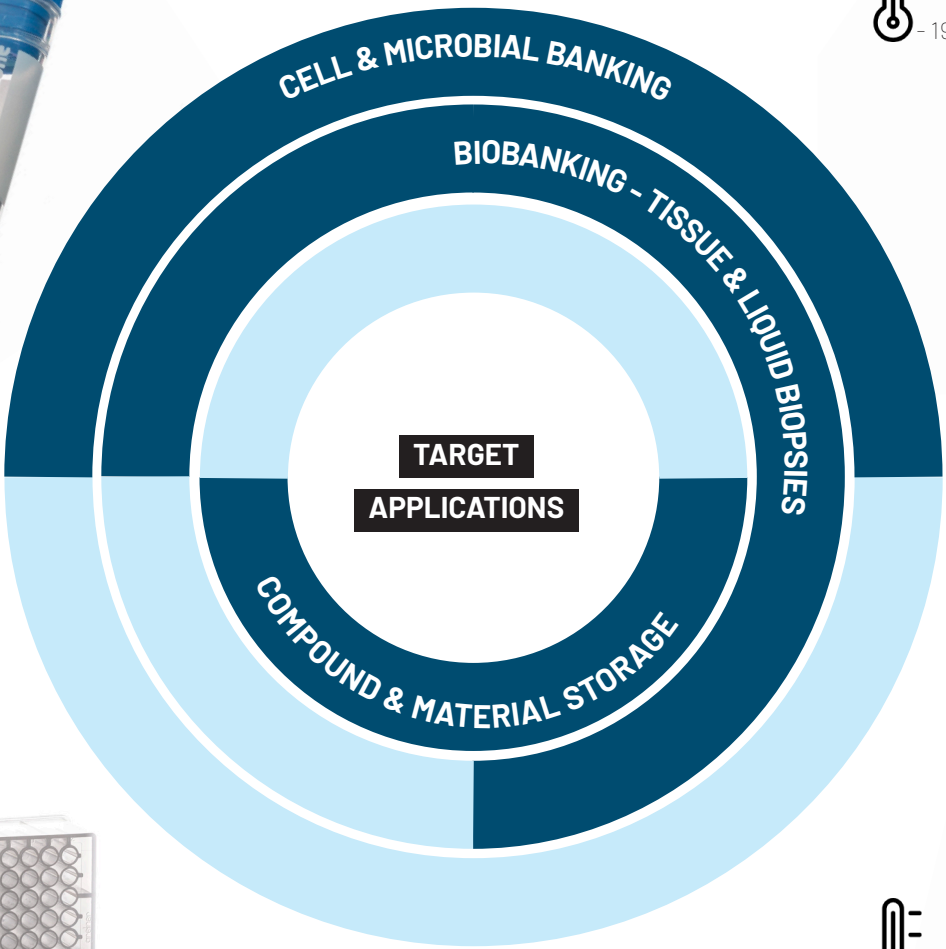
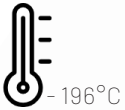
CRYO.S STORAGE TUBES

- / White writing area
- / Graduation
- / Internal or external threaded cap
- / Rotation stoppers for automated decapping



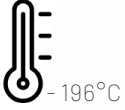
CRYO.S BARCODED TUBES

- / Triple coded: datamatrix code, linear barcode 128 and human readable code
- / Graduation
- / Internal or external threaded cap
- / Rotation stoppers for automated decapping



- / Polypropylene and Cycloolefin plates
- / Covering a broad range of sample volumes
- / High chemical and thermal resistance
- / Compatible with automated systems

MASTERBLOCK® & STORAGE PLATES



- / Height-reduced design saves up to 30 % freezer space
- / Design optimized for use with automated equipment
- / Premium datamatrix coding and human readable ID

CRYO.S SMALL-VOLUME TUBES



GLOBAL MANUFACTURER PROVIDING LOCAL SUPPORT

More than 60 years of laboratory consumables
manufacturing and engineering experience



SUPPLY PARTNER

A trusted partner to the world's largest pharmaceutical/
biotechnology companies and leading academic
institutes



QUALITY

ISO 9001 and ISO 13485 certified
quality management system



SAMPLE INTEGRITY

Certified free from heavy metals, phthalate, detectable
DNase, RNase and human DNA; biocompatible,
USP class VI certified tube and plate materials



RESPONSIBLE MANUFACTURER

Focus on climate, people and the circular economy.
We report our progress through CDP - a leading
environmental disclosure system

FIVE REASONS

1 Cryo.s Storage Tubes

available with different cap colours ○●●●●



1 ml
starfoot
internal thread



2 ml
round bottom
internal thread



2 ml
starfoot
internal thread



2 ml
starfoot
external thread



4 ml
starfoot
external thread



5 ml
round bottom
internal thread

2 Cryo.s Barcoded Tubes

available with different cap colours ○●●●●



1 ml
starfoot
internal thread



2 ml
starfoot
internal thread



2 ml
starfoot
external thread



4 ml
starfoot
external thread

3 Cryo.s Storage & Working Racks



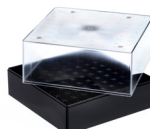
48 way
low profile
black, barcoded



48 way
high profile
black, barcoded



81 way
low profile
black



81 way
high profile
black



48 way
cap carrier



one hand operation
support rack
blue

4 Cryo.s Small-Volume Tubes

available with different cap colours ○●●●●●●●



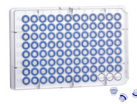
300 µl



600 µl



1000 µl



screw caps
in cap carrier

5 Cryo.s Decapper & Rack Scanner



manual
capping tool



6- and 8-channel
decapper



rack scanner

6 MASTERBLOCK® & Storage Plates

available with different coverings and sealings



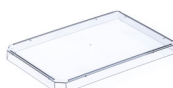
96 well



384 well



1536 well



lids



capmats



sealers

PRODUCT OVERVIEW

1 Cryo.s Storage Tubes



/ Sterile (SAL 10⁻⁶)

/ Natural screw cap colour (for other cap colours refer to main catalog )

/ Cap inserts available in different colours

/ Conform to IATA requirements for the transport of diagnostic specimens via airfreight

Item No.	Working vol. [ml]	Tube base	Tube thread	Pieces/bag	Pieces/box
123263	1.2	starfoot	internal	100	500
121263	2.0	round	internal	100	500
122263	2.0	starfoot	internal	100	500
126263	2.0	starfoot	external	100	500
127263	4.0	starfoot	external	50	300
124263	4.5	round	internal	50	300

2 Cryo.s Barcoded Tubes



/ Sterile (SAL 10⁻⁶)

/ Natural screw cap colour (for other cap colours refer to main catalog )

/ Linear barcode type 128 with human readable sequence and datamatrix code ECC200

/ Customized barcoding option on request

/ Conform to IATA requirements for the transport of diagnostic specimens via airfreight

Item No.	Linear barcode	Datamatrix code	Working vol. [ml]	Tube base	Tube thread	Pieces/bag	Pieces/box
123263-2DG	+	+	1.2	starfoot	internal	100	500
122263-2DG	+	+	2.0	starfoot	internal	100	500
126263-2DG	+	+	2.0	starfoot	external	100	500
127263-2DG	+	+	4.0	starfoot	external	50	300

3 Cryo.s Storage & Working Racks

/ Through-holes in rack bottom for bulk scanning of contained tube barcodes with rack scanner

/ Linear barcode type 128 with human readable feature and datamatrix code ECC200

/ Black rack with opaque lid

/ Customized barcoding option on request


Item No.	Tube capacity	Footprint [mm]	Pieces/box
803202-2DG	48 x 1-2 ml tubes	127.76 x 85.48	20
802576-2DG	81 x 1-2 ml tubes	132.4 x 132.4	10
803270-2DG	48 x 4 ml tubes	127.76 x 85.48	15
802506-2DG	81 x 4 ml tubes	132.4 x 132.4	10

Cryo.s storage tubes, barcoded tubes and small-volume tubes carry a CE mark. Their intended use is the storage of tissue, cells, fungi, bacteria, spores, cellular extracts or body fluids at ultra-low temperature for research and development as well as diagnostic purposes. Cryo.s tubes and racks must not be stored in the liquid phase of liquid nitrogen, but only in the gas phase above. Cryo.s tubes are not intended for any application in the context of reproductive medicine.

4 Cryo.s Small-Volume Tubes



/ Sterile product versions SAL 10⁻⁶

/ Natural screw cap colour (for other cap colours refer to main catalog )

/ Datamatrix type ECC 200 with human readable feature

/ Additional screw caps in 96 well cap carriers available under part no. 385270

/ Manual capping tool contained in each box

/ Customized barcoding option on request

Item No.	Working vol. [µl]	Sterile	Bulk pack	Pre-racked	Capped	Pieces/box
976561	235	+	-	+	+	960
977561	580	+	-	+	+	960
978561	975	+	-	+	+	960
976580	235	-	-	+	+	960
977580	580	-	-	+	+	960
978580	975	-	-	+	+	960
131263	235	+	+	-	+	960
132263	580	+	+	-	+	960
133263	975	+	+	-	+	960
131202	235	-	+	-	+	960
132202	580	-	+	-	+	960
133202	975	-	+	-	+	960
976570	235	-	-	+	-	960
977570	580	-	-	+	-	960
978570	975	-	-	+	-	960

5 Cryo.s Decapper

/ Effective and wireless capping and decapping of all Cryo.s tubes with rotation stoppers

/ 6- channel version available for 1, 2 and 4 ml Cryo.s Tubes in 48-format racks

/ 8- channel version available for Cryo.s Small Volume Tubes in 96-format racks

/ Individual motors for each spindle, torque control and indicator for individual torque settings

/ Country specific power supply unit (*Item. No-EU=Europe, -UK=UK, -NA=US, -CN=China, -AU=Australia, -JP=Japan)

Item No.	Description	Content Box
852076-XX*	Cryo.s 6-channel handheld decapper	1 decapper, power supply unit, docking station
852078-XX*	Cryo.s 8-channel handheld decapper	1 decapper, power supply unit, docking station

Cryo.s Scanner

/ Suitable for SLAS/ANSI standard format racks (48 way and 96 way)

/ Coated scanner glass and condensation reduction feature

/ Single tube scanning function

/ Push button for convenient initiation of rack scanning process

/ 5-year warranty

Item No.	Description	Content Box
849050	Cryo.s rack scanner, US edition	1 scanner, power cables, USB cables, drivers and manual
849070	Cryo.s rack scanner, EU/UK/Asia edition	1 scanner, power cables, USB cables, drivers and manual

Find these and
more products in
our online shop

6 MASTERBLOCK® & Storage Plates

/ Sterile versions available

/ High chemical and thermal resistance

/ Acoustic liquid handling designs available

/ Sealable with capmats and adhesive seals

/ Barcoding service on request

Item No.	Well format	Well profile	Volume	Material	Pieces/bag	Pieces/box
786201	96	V-bottom	0.5 ml	PP	8	80
780201	96	U-bottom	1.0 ml	PP	1	50
780270	96	V-bottom	2.0 ml	PP	1	50
650201	96	U-bottom	50 - 300 µl	PP	10	100
651201	96	V-bottom	50 - 335 µl	PP	10	100
781270	384	V-bottom	20 - 225 µl	PP	6	60
781280	384	V-bottom	13 - 120 µl	PP	10	100
784201	384	V-bottom	1 - 90 µl	PP	10	100
781201-906	384	F-bottom	15 - 145 µl	PP	10	100
793855	384	low dead volume	1 - 25 µl	COC	15	60
782270	1536	V-bottom	3 - 15 µl	PP	15	60
782855	1536	F-bottom	1 - 10 µl	COC	15	60
792870-906	1536	F-bottom	1 - 14 µl	COP	15	60

PP = Polypropylene

COP = Cycloolefin Polymer

COC = Cycloolefin-Copolymere



INCREASING SAMPLE INTEGRITY

High-quality storage
labware, good laboratory
practices & utilizing
process automation are the
key to optimised sample
integrity & quality.

Greiner Bio-One's labware for sample storage is compatible with a wide range of automated systems for sample processing, handling and storage. For a comprehensive list of compatible automated systems, please scan this QR code or contact your local Greiner Bio-One sales representative.



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