

# 4B Banking™

## Basic Bio-Banking Box

See the product in  
action 

Data Matrix Code, web link



**CryoGen® Tubes**

**Scanner**

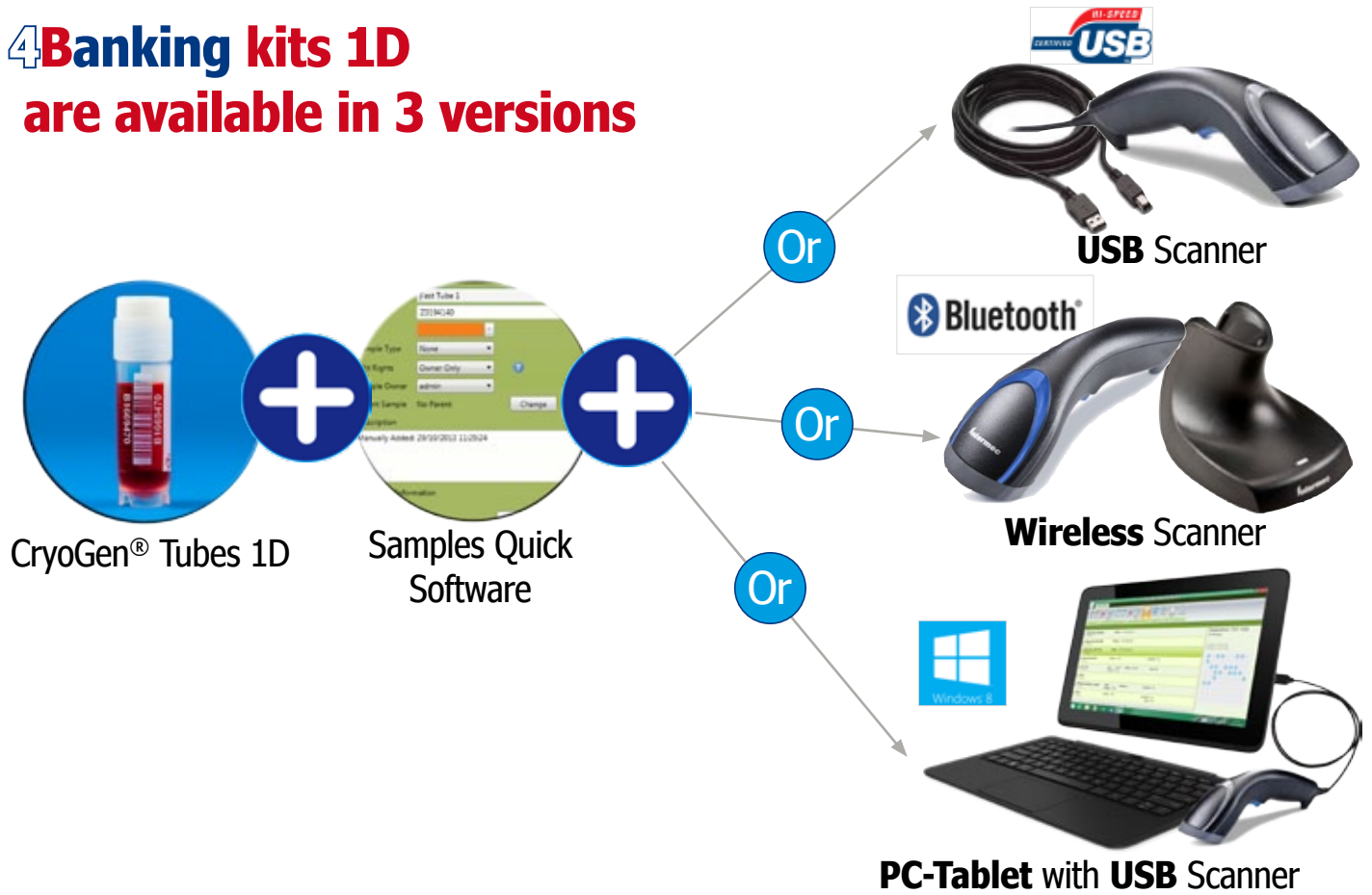
**Software**

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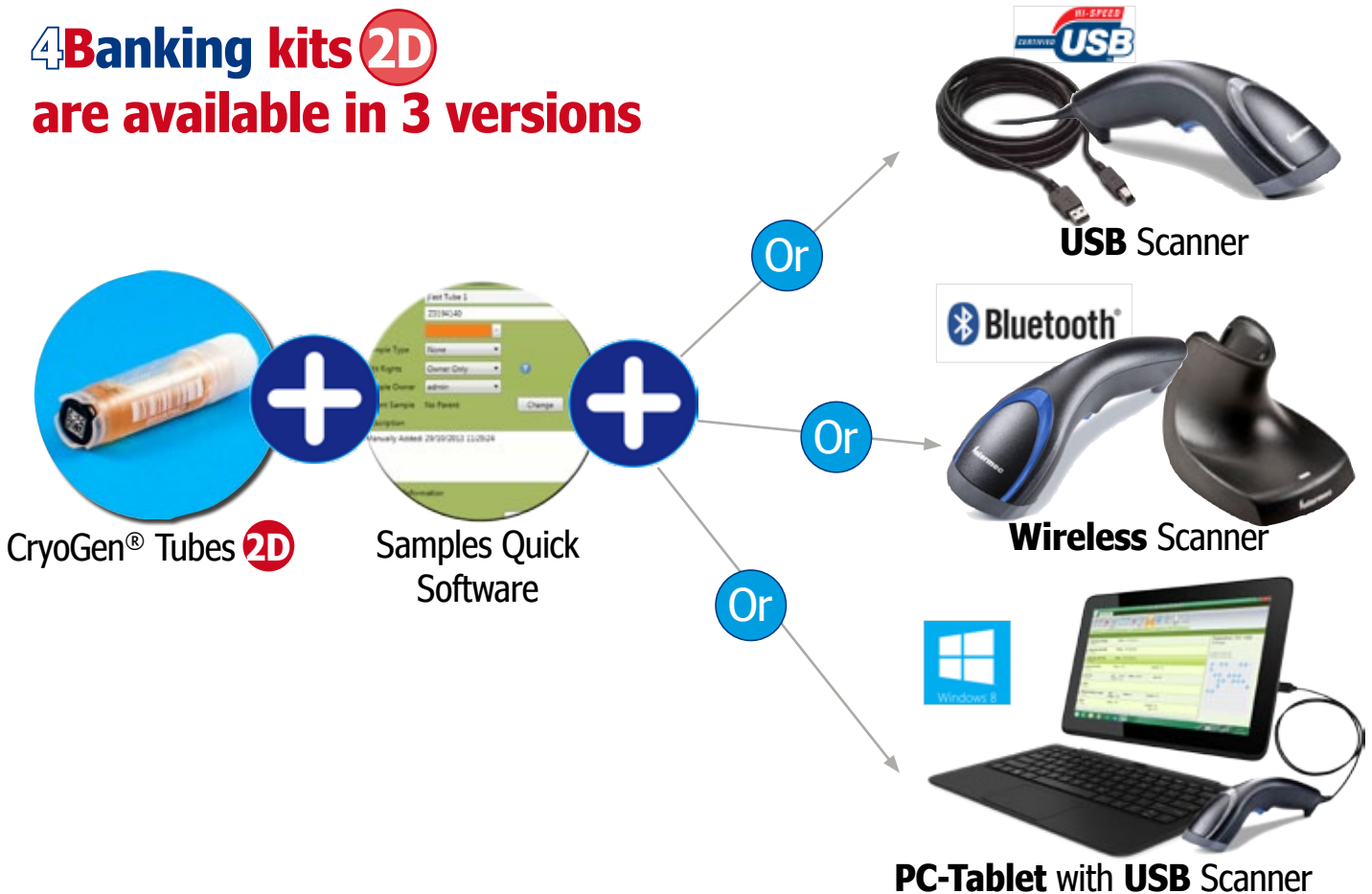
# THE EASIEST WAY TO STORE, MANAGE AND TRACK YOUR SAMPLES

- ✓ Innovative solution to manage your samples
- ✓ Linear barcode printed on the tubes and 2D DataMatrix code
- ✓ Storage location management by a 'user friendly' software
- ✓ Easy and fast sample tracking
- ✓ Custom editable information for each sample

## 4 Banking kits 1D are available in 3 versions



## 4 Banking kits 2D are available in 3 versions



# Characteristics:

## 500 CryoGen® Tubes

- ✓ **10 bags of 50 tubes CryoGen® heat-sealed with precut, resealable**
- ✓ Internal or External screw cap
- ✓ Bi-injected cap (no leaking no contamination)
- ✓ Barcode "code 128A" printed on the tube, readable with provided scanner
- ✓ Serial-consecutive and unique barcode, double decoding alphanumeric clearly readable in both directions
- ✓ Large writing area
- ✓ Suitable for automatic decapper
- ✓ Made with medical grade raw materials
- ✓ Manufactured in cleanroom class ISO 7 (ISO 14644-1)
- ✓ CLEARLine® certified (free of Human DNA, DNase, RNase, PCR inhibitors, Pyrogens, ATP)\*
- ✓ Sterile SAL 10<sup>-6</sup>\*\* - CE-IVD marked \*\*\*

\* Certificate of analysis for batch can be downloaded from the website  
 \*\* Certificate of validated Beta rays treatment can be downloaded from the website  
 \*\*\* Declaration of conformity CE-IVD on request



**1D**  
CryoGen® Tubes  
with  
linear barcode

**2D**  
CryoGen® Tubes  
with  
2D Datamatrix code

## High performance Scanner

- ✓ **1 Affordable, high-performance handheld, scanner**
- ✓ Features the industry's fastest 2D-imaging technology for highly responsive, reliable scanning
- ✓ Unique, ergonomic styling maximizes comfort and saves countertop space
- ✓ Large LED indicator provides effective visual operational feedback
- ✓ Easy plug&play installation on your PC
- ✓ USB cable
- ✓ **1 user manual**
- ✓ **available with USB cable or Wireless with charge base**



## PC-Tablet with USB Scanner - Ready to use

- ✓ **1 Affordable, high-performance handheld, scanner**
- ✓ USB cable with Mini-USB adapter
- ✓ **1 user manual**
- ✓ Monitor HD 10.1" Multi-Touch with detachable Keyboard
- ✓ Microsoft Windows and Office
- ✓ CPU Intel Atom™, 2GB RAM, Wi-fi, HDD 32 GB, Bluetooth
- ✓ Dimensions 26.3 cm x 17.1 cm x 2.36 cm, Weight : 550g
- ✓ Lithium Battery 11H Lifetime



## Samples Quick software

- ✓ **Intuitive 'user friendly' software**
  - ✓ Customizable records
  - ✓ Automatic backup of data
  - ✓ Easy import/export data
  - ✓ Integrable with other existing storage systems
  - ✓ Pc Windows only
  - ✓ **1 Quick start guide**
  - ✓ **1 User manual with software user guide**
- ✓ Available in English or French



# 4Banking™ range:

## All kits include:

- ✓ 1 USB Scanner  
or 1 Wireless Scanner  
or 1 PC-Tablet, ready to use
- ✓ 10 bags of 50 tubes CryoGen® tubes, zip bag
- ✓ 1 Samples Quick software License
- ✓ User Manual with software guide



## Kits with 1D linear barcode tubes

10 bags x 50 tubes



CryoGen® Tubes Vol. ml  (Ref.)	CryoGen® Tubes Base	Cap Model	Software License 1 User/1 Pc	Ref. <b>4Banking</b> Scanner USB + USB cable	Ref. <b>4Banking</b> Scanner Wireless + Base Station + USB cable	Ref. <b>4Banking</b> PC-Tablet + Scanner USB + USB cable
1,2 (CL1ARBEPSTS)	self standing	External	Samples Quick	<b>BBB1BE</b>	<b>BBB1BEBT</b>	<b>BBB1BEPC</b>
1,2 (CL1ARBIPSTS)	self standing	Internal	Samples Quick	<b>BBB1BI</b>	<b>BBB1BI BT</b>	<b>BBB1BI PC</b>
2,0 (CL2ARBEPSTS)	self standing	External	Samples Quick	<b>BBB2BE</b>	<b>BBB2BEBT</b>	<b>BBB2BEPC</b>
2,0 (CL2ARBIPSTS)	self standing	Internal	Samples Quick	<b>BBB2BI</b>	<b>BBB2BI BT</b>	<b>BBB2BI PC</b>
2,0 (CL2AREPSTS)	round	External	Samples Quick	<b>BBB2E</b>	<b>BBB2EBT</b>	<b>BBB2EPC</b>
2,0 (CL2ARIPSTS)	round	Internal	Samples Quick	<b>BBB2I</b>	<b>BBB2I BT</b>	<b>BBB2I PC</b>
3,0 (CL3ARBEPSTS)	self standing	External	Samples Quick	<b>BBB3BE</b>	<b>BBB3BEBT</b>	<b>BBB3BEPC</b>
4,0 (CL4ARIPSTS)	round	Internal	Samples Quick	<b>BBB4I</b>	<b>BBB4I BT</b>	<b>BBB4I PC</b>
4,0 (CL4ARBEPSTS)	self standing	External	Samples Quick	<b>BBB4BE</b>	<b>BBB4BEBT</b>	<b>BBB4BEPC</b>
4,0 (CL4ARBIPSTS)	self standing	Internal	Samples Quick	<b>BBB4BI</b>	<b>BBB4BI BT</b>	<b>BBB4BI PC</b>
5,0 (CL5ARBEPSTS)	self standing	External	Samples Quick	<b>BBB5BE</b>	<b>BBB5BEBT</b>	<b>BBB5BEPC</b>
5,0 (CL5ARBIPSTS)	self standing	Internal	Samples Quick	<b>BBB5BI</b>	<b>BBB5BI BT</b>	<b>BBB5BI PC</b>
5,0 (CL5ARIPSTS)	round	Internal	Samples Quick	<b>BBB5I</b>	<b>BBB5I BT</b>	<b>BBB5I PC</b>



## Kits with 2D barcode tubes

10 bags x 50 tubes

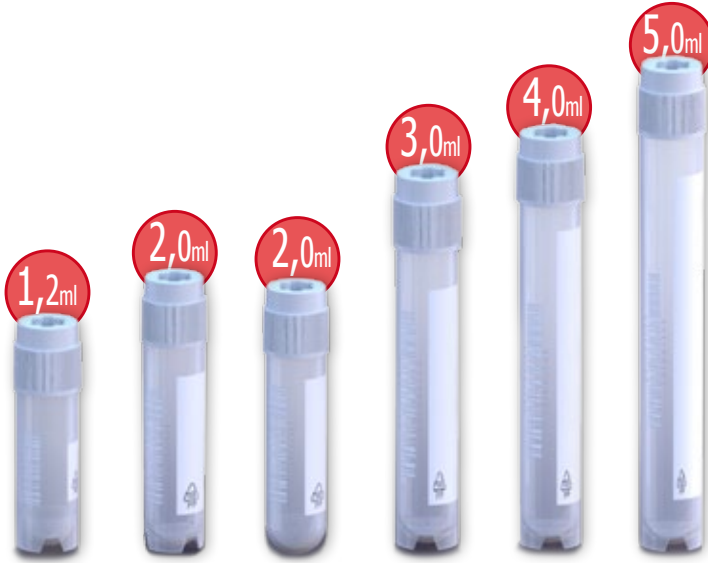


CryoGen® Tubes Vol. ml  (Ref.)	CryoGen® Tubes Base	Cap Model	Software License 1 User/1 Pc	Ref. <b>4Banking</b> 2D DATAMATRIX Scanner USB + USB cable	Ref. <b>4Banking</b> 2D DATAMATRIX Scanner Wireless + Base Station + USB cable	Ref. <b>4Banking</b> 2D DATAMATRIX PC-Tablet + Scanner USB + USB cable
2,0 (CL2ARBEP2D)	self standing	External	Samples Quick	<b>BBB2BE2D</b>	<b>BBB2BE2DBT</b>	<b>BBB2BE2DPC</b>
2,0 (CL2ARBIP2D)	self standing	Internal	Samples Quick	<b>BBB2BI2D</b>	<b>BBB2BI2DBT</b>	<b>BBB2BI2DPC</b>
5,0 (CL5ARBEP2D)	self standing	External	Samples Quick	<b>BBB5BE2D</b>	<b>BBB5BE2DBT</b>	<b>BBB5BE2DPC</b>
5,0 (CL5ARBIP2D)	self standing	Internal	Samples Quick	<b>BBB5BI2D</b>	<b>BBB5BI2DBT</b>	<b>BBB5BI2DPC</b>

# How to order CryoGen® Tubes



**1D CryoGen® Tubes:**  
linear, unique barcode  
printed on the tube



Box of 500						
REF	CL1ARBEPSTS	CL2ARBEPSTS	CL2AREPSTS	CL3ARBEPSTS	CL4ARBEPSTS	CL5ARBEPSTS
Qty	500 pcs (bags/50)	500 pcs (bags/50)	500 pcs (bags/50)	500 pcs (bags/50)	500 pcs (bags/50)	500 pcs (bags/50)

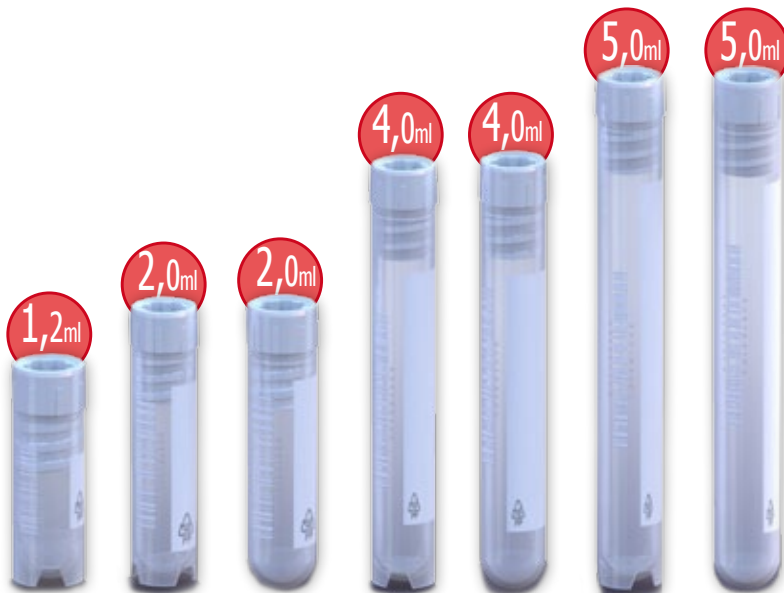
Bulk						
REF	CL1ARBEPSTS/B	CL2ARBEPSTS/B	CL2AREPSTS/B	CL3ARBEPSTS/B	CL4ARBEPSTS/B	CL5ARBEPSTS/B
Qty	4500 pcs (bags/50)	4000 pcs (bags/50)	4000 pcs (bags/50)	2500 pcs (bags/50)	2500 pcs (bags/50)	2000 pcs (bags/50)
Volume	1,2 ml	2,0 ml	2,0 ml	3,0 ml	4,0 ml	5,0 ml
Height cm	4,02	4,56	4,45	6,92	7,36	8,76
Base	self standing	self standing	round	self standing	self standing	self standing

**2D CryoGen® Tubes:**  
2D Data Matrix and linear, unique  
barcode printed on the tube



Box of 500		
Ref.	CL2ARBEPS2D	CL5ARBEPS2D
Qty	500 pcs (bags/50)	500 pcs (bags/50)

Bulk		
Ref.	CL2ARBEPS2D/B	CL5ARBEPS2D/B
Qty	4000 pcs (bags/50)	2000 pcs (bags/50)
Volume	2,0 ml	5,0 ml
Height cm	4,56	8,76
Base	Self standing	Self standing



Box of 500							
REF	CL1ARBIPSTS	CL2ARBIPSTS	CL2ARIPSTS	CL4ARBIPSTS	CL4ARIPSTS	CL5ARBIPSTS	CL5ARIPSTS
Qty	500 pcs (bags/50)	500 pcs (bags/50)	500 pcs (bags/50)	500 pcs (bags/50)	500 pcs (bags/50)	500 pcs (bags/50)	500 pcs (bags/50)

Bulk							
REF	CL1ARBIPSTS/B	CL2ARBIPSTS/B	CL2ARIPSTS/B	CL4ARBIPSTS/B	CL4ARIPSTS/B	CL5ARBIPSTS/B	CL5ARIPSTS/B
Bulk qty	4500 pcs (bags/50)	4000 pcs (bags/50)	4000 pcs (bags/50)	2500 pcs (bags/50)	2500 pcs (bags/50)	2000 pcs (bags/50)	2000 pcs (bags/50)
Inner pack.	Bags 50 pcs	Bags 50 pcs	Bags 50 pcs	Bags 50 pcs	Bags 50 pcs	Bags 50 pcs	Bags 50 pcs
Volume	1,2 ml	2,0 ml	2,0 ml	4,0 ml	4,0 ml	5,0 ml	5,0 ml
Height cm	4,27	4,82	4,70	7,62	7,50	9,03	8,92
Base	self standing	self standing	round	self standing	round	self standing	round



Box of 500		
Ref.	CL2ARBIPS2D	CL5ARBIPS2D
Case qty	500 pcs (bags/50)	500 pcs (bags/50)

Bulk		
Ref.	CL2ARBIPS2D/B	CL5ARBIPS2D/B
Bulk qty	4000 pcs (bags/50)	2000 pcs (bags/50)
Volume	2,0 ml	5,0 ml
Base	Self standing	Self standing

# 1D CryoGen® Boxes with linear Barcode

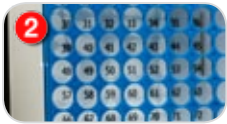
New CryoGen® Boxes with 1D linear barcode, suitable for automatic storage.  
Ideal for **4Banking™** with linear barcoded tubes



**'Code 128A'**  
on the rack side



- ✓ In **Polycarbonate**
- ✓ To be used at **temperatures as low as -196°C**  
(not indicated for use in the liquid phase of nitrogen)
- ✓ **Autoclavable** at 121 °C during 20 minutes
- ✓ **CE-IVD** marked



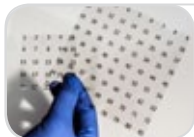
1. Barcode "code 128A" readable with the most common barcode readers

2. Numerical grid both on lid and bottom

3. Frosted area for easy writing

4. Vial-picker for vial removal, supplied with each inner pack

5. Coloured grid joined to the bottom (for 25 and 81 CryoGen® Boxes)



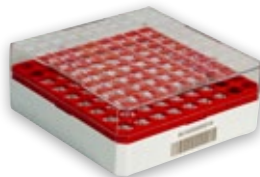
Numerical bottom grid for 25, 81 and 100 CryoGen® Boxes  
Possibility to order separately

Ref.	Description	Conf.pcs
BSM58025	Plates in PC numbered 1 - 25	10
BSM58081	Plates in PC numbered 1 - 81	10
BSM580100	Plates in PC numbered 1 - 100	10

**CryoGen® Box 25**  
**pad printed grid lid**  
for 1 - 2 ml tubes,  
external and internal cap  
Box 48 pcs



**CryoGen® Box 81 LOW**  
**pad printed grid lid**  
for 1 - 2 ml tubes,  
external and internal cap  
Box 40 pcs



**CryoGen® Box 81 HIGH**  
**pad printed grid lid**  
for 3 - 4 - 5 ml tubes  
external cap,  
and 5 ml internal cap  
Box 32 pcs



**CryoGen® Box 100**  
**pad printed grid lid**  
for 1 - 2 ml tubes,  
internal cap  
Box 40 pcs



Ref.	Grid Color	Dim. mm
BSM58025B1D/AZ	light blue	76x76x52
BSM58025B1D/RO	red	76x76x52
BSM58025B1D/V	green	76x76x52
BSM58025B1D/G	yellow	76x76x52

Ref.	Grid Color	Dim. mm
BSM58061B1D/AZ	light blue	132x132x52
BSM58061B1D/RO	red	132x132x52
BSM58061B1D/V	green	132x132x52
BSM58061B1D/G	yellow	132x132x52

Ref.	Grid Color	Dim. mm
BSM58071B1D/AZ	light blue	132x132x94
BSM58071B1D/RO	red	132x132x94
BSM58071B1D/V	green	132x132x94
BSM58071B1D/G	yellow	132x132x94

Ref.	Color	Dim. mm
BSM581001D/B	white	132x132x52

# 2D CryoGen® Boxes for 2D Datamatrix CryoGen® tubes

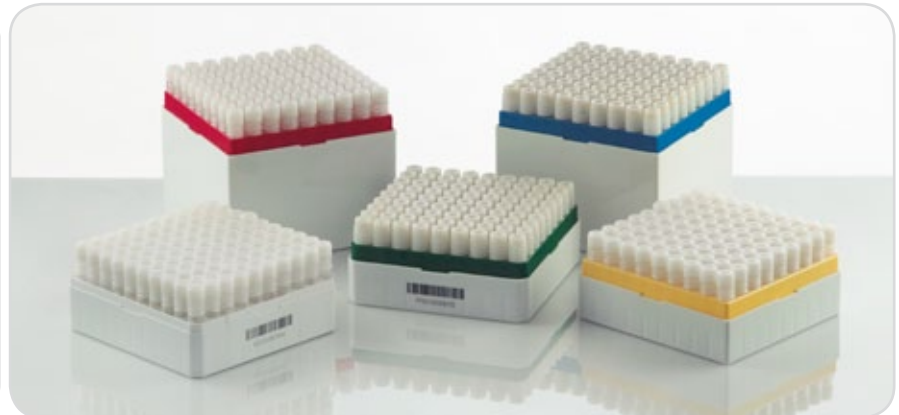
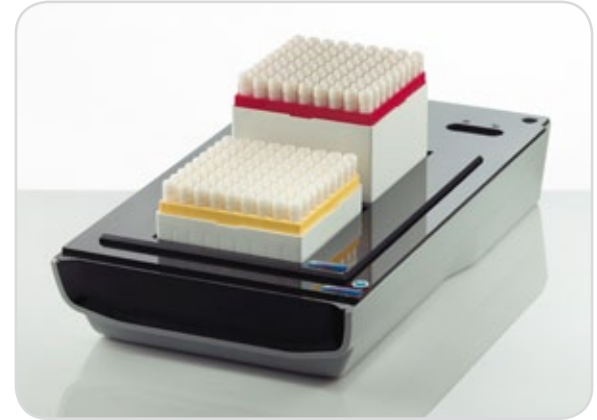
Datamatrix on the bottom of the tubes, stored in the 2D CryoGen® boxes, can be scanned and the information exported in different formats.

Automatic identification of the box and of its positioning through:

- ✓ Laser engraved Code 128 on the box side
- ✓ 2D datamatrix code printed on the box bottom
- ✓ Locking system: 2D CryoGen® Tubes will securely lock in each well and will not turn. Easy screwing and unscrewing by one hand

Features:

- ✓ In Polycarbonate
- ✓ To be used at temperatures as low as -196°C (not indicated for use in the liquid phase of nitrogen)
- ✓ Autoclavable at 121 °C during 20 minutes
- ✓ CE-IVD marked



Ref.	Bottom Color	Grid Colour	Description
<b>BSM580612D/AZ</b>	white	Light Blue	CryoGenBox 81 places for 2D, low
<b>BSM580612D/G</b>	white	Yellow	CryoGenBox 81 places for 2D, low
<b>BSM580612D/RO</b>	white	Red	CryoGenBox 81 places for 2D, low
<b>BSM580612D/V</b>	white	Green	CryoGenBox 81 places for 2D, low
<b>BSM580712D/AZ</b>	white	Light Blue	CryoGenBox 81 places for 2D, high
<b>BSM580712D/G</b>	white	Yellow	CryoGenBox 81 places for 2D, high
<b>BSM580712D/RO</b>	white	Red	CryoGenBox 81 places for 2D, high
<b>BSM580712D/V</b>	white	Green	CryoGenBox 81 places for 2D, high
<b>BSM581002D/B</b>	white		CryoGenBox 100 places for 2D, low
<b>BSM581052D/B</b>	white		CryoGenBox 100 places for 2D, high



## Cap-Disk Stella

Coloured disks to decode both internal and external cap



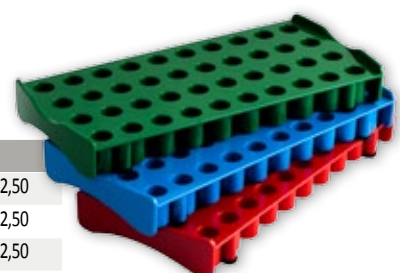
Ref.	Color	
CRY910TS/AZ	Light blue	●
CRY910TS/BI	White	○
CRY910TS/G	Yellow	●
CRY910TS/VI	Violet	●
CRY910TS/RO	Red	●
CRY910TS/V	Green	●

## Workstations

Stands for CryoGen® Tubes

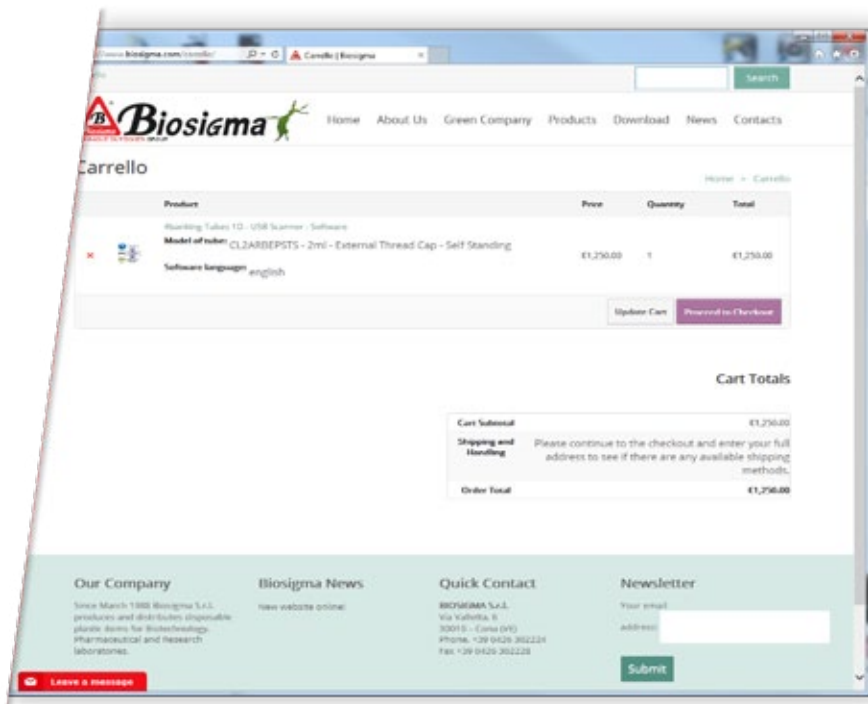
40 holes, in polycarbonate, available in 3 colors

Ref.	Color	Dimension cm
● BSM5810/AZ	Blue	L21,5 P10,0 H2,50
● BSM5810/RO	Red	L21,5 P10,0 H2,50
● BSM5810/V	Green	L21,5 P10,0 H2,50



Visit our new web site **www.biosigma.com**

you can buy on line the 4Banking kit and the reorder parts



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