



A member of the **VRV Group**

## BS 2000 Series

*Dry shipper for safe transport  
of biological samples*



This family of “dry shipper” containers is designed for use in biology, livestock breeding, research and medical fields and enables shipping of samples, straws or cryovials for transport in dry and safe conditions.

Risk of an outflow of liquid nitrogen is restricted by the presence of an absorber placed in the inner vessel, which also ensures the integrity of biological samples in straws, cryovials and blood bags even if the tank is badly handled or accidentally overturned.

All units of the BS2000 series are CE-marked, and comply with the **Medical Device Directive 93/42/CEE, BS series is IATA conform** to protect your valuable samples during the transport, in safe conditions for the users and transporters.

## Technical datas

SPECIFICATIONS	BS2002 M	BS2004 M	BS2024 M 2 cartridges (60 – 120 mm)	BS2024 M 1 cartridge (120 mm)	BS2024 M 1 cartridge (60 mm)	BS2024 M
Volume Total (l)	2	5.2	24	24	24	24
Absorbed LN2 capacity (liters / kg)	1,6 L / 1,3 kg	4,5 L / 3,6 kg	14 L / 11,3 kg	12,1 L / 9,8 kg	10,3 L / 8,3 kg	8,4 L / 6,8 kg
Empty weight (kg)	2,7	6,1	18,4	17,6	16,9	16,2
Absorbed LN2 full weight (kg)	4	9,7	29,6	27,4	25,2	23
Total height (mm)	407	497	664	664	664	664
Outer diameter (mm)	190	251	400	400	400	400
Internal height (mm)	180	280	226	288	348	416
Neck diameter (mm)	35	70	215	215	215	215
Static loss (l/d)	0.075	0.23	0.95	0.90	0.85	0.8
Static holding time (d) *	16	19,6	14,7	13,4	12,1	10,5

INVENTORY SYSTEMS & STORAGE CAPACITY						
Canisters quantity	1	1	7 **	7	7	7
Canister dimension (mm)	Ø32 x120	Ø66 x 270	-	Ø70 x 245	Ø70 x 245	Ø70 x 380
Number of goblets level	1	2	1	2	2	3
Number of straws 0,25 ml	190	1640	5740	11480	11480	17220
Number of straws 0,50 ml	86	730	2555	5110	5110	7665
Racks cryovials 2/5ml quantity	-	-	1/1	1/1	1/1	1/1
Number of level	-	-	3/2	4/2	5/3	7/3
Number of cryovials 2/5ml	9 *	80 / 16 *	300 / 162	400 / 162	500 / 243	700 / 243
Number of cryobox (133x133x53mm)	-	-	3	4	5	7
Blood bag DF700 (14mm thickness)	-	-	-	9	9	9

Please contact us for storage systems, **CRYO DIFFUSION** will fit to your needs.

- With mini-cryocanes, 3 vials per cryocanes
- \*\* goblets in vac in the dewar, without canister

## Accessories :



Plastic racks



Blood bag storage system



Plastic canisters + goblets



Plastic case for transport



Data logger for temperatures



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