

# ORCA DRY ICE SOLUTIONS

CONNECT, MULTI-USE, SINGLE-USE



TEMPERATURE  
CONTROLLED  
PACKAGING



**ORCA solutions are fully qualified for use with dry ice and provide a minimum of 120 hours performance at temperatures below -20°C. This superior performance, combined with rigorous testing, ensure your highest value payloads including vaccines, active pharmaceutical ingredients, reagents and personalised medicines navigate the cold chain whilst maintaining maximum efficacy.**

The high insulation properties of ORCA solutions decrease the rate at which dry ice is lost, this leads to less dry ice being required and a reduction in shipping costs when compared against EPS based dry ice shippers. ORCA solutions feature a large payload space due to the use of vacuum insulated panels (VIP) that provide superior thermal protection in a fraction of the space of more traditional dry ice shippers.

ORCA Multi-Use, Single-Use and Connected solutions can all be used with dry ice as a coolant allowing you to use the solution best suited to your requirements. Specifications and details of each solution can be found on the reverse of this document.

## Features

- Superior dry ice shippers solutions using VIP insulation
- Qualified against ISTA 7D profiles for a minimum performance of 120 hours
- Superior insulation leading to a reduction in dry ice requirements
- Multi-Use solutions available reducing packaging waste
- Connected solutions available providing peace of mind through payload visibility

Offering optimum protection for ;

Vaccines

Active pharmaceutical ingredients

Reagents

Personalised medicines

High-value temperature sensitive materials

For more information please contact Intelcius UK [compliance@intelcius.com](mailto:compliance@intelcius.com)



## ORCA CONNECT SOLUTIONS

ORCA Connect solutions are designed to work with a variety of loggers, offering payload visibility. The logger is stored separately to the payload, increasing payload space and providing extra protection for your chosen tracking hardware.

Code	Product Name	External Dimensions	Internal Dimensions	Internal Volume	Payload Volume	Mass	Dry Ice Mass	Volumetric Weight L/6	Duration*
OMX100DI	ORCA CONNECT SMALL DI	362 x 321 x 322 mm 14.3 x 12.6 x 12.7 in	218 x 218 x 218 mm 8.6 x 8.6 x 8.6 in	10.4 L	1.5 L	4.0 kg 8.8 lbs	7.0 kg 15.4 lbs	6.2 kgvol <sup>c</sup> 13.8 lbsvol <sup>c</sup>	120+
OMX200DI	ORCA CONNECT MEDIUM DI	426 x 386 x 388 mm 16.8 x 15.2 x 15.3 in	280 x 280 x 280 mm 11.0 x 11.0 x 11.0 in	21.9 L	6.5 L	6.2 kg 13.7 lbs	12.0 kg 26.5 lbs	10.6 kgvol <sup>c</sup> 23.9 lbsvol <sup>c</sup>	120+
OMX300DI	ORCA CONNECT LARGE DI	484 x 446 x 448 mm 19.1 x 17.6 x 17.6 in	340 x 340 x 340 mm 13.3 x 13.3 x 13.3 in	39.3 L	21.5 L	8.4 kg 18.5 lbs	14.0 kg 30.9 lbs	16.1 kgvol <sup>c</sup> 35.5 lbsvol <sup>c</sup>	120+
OMX400DI	ORCA CONNECT EX- LARGE DI	560 x 520 x 520 mm 22.0 x 20.5 x 20.5 in	420 x 420 x 420 mm 16.5 x 16.5 x 16.5 in	74.1 L	50.0 L	10.7 kg 23.6 lbs	16.0 kg 35.3 lbs	25.2 kgvol <sup>c</sup> 55.6 lbsvol <sup>c</sup>	120+

## ORCA MULTI-USE SOLUTIONS

ORCA Multi-Use is a durable solution that can be used multiple times without loss in performance. Simply check the vacuum insulated panels for punctures before refilling the system and using again.

Code	Product Name	External Dimensions	Internal Dimensions	Internal Volume	Payload Volume	Mass	Dry Ice Mass	Volumetric Weight L/6	Duration*
OMU100DI	ORCA MULTI-USE SMALL DI	322 x 314 x 308 mm 12.7 x 12.4 x 12.1 in	218 x 218 x 218 mm 8.6 x 8.6 x 8.6 in	10.4 L	1.5 L	3.6 kg 7.9 lbs	7.0 kg 15.4 lbs	5.2 kgvol <sup>c</sup> 11.5 lbsvol <sup>c</sup>	120+
OMU200DI	ORCA MULTI-USE MEDIUM DI	386 x 372 x 370 mm 15.2 x 14.6 x 14.6 in	280 x 280 x 280 mm 11.0 x 11.0 x 11.0 in	21.9 L	6.5 L	5.9 kg 13.0 lbs	12.0 kg 26.5 lbs	8.9 kgvol <sup>c</sup> 19.6 lbsvol <sup>c</sup>	120+
OMU300DI	ORCA MULTI-USE LARGE DI	442 x 428 x 428 mm 17.4 x 16.9 x 16.9 in	340 x 340 x 340 mm 13.3 x 13.3 x 13.3 in	39.3 L	21.5 L	8.0 kg 17.6 lbs	14.0 kg 30.9 lbs	13.5 kgvol <sup>c</sup> 29.8 lbsvol <sup>c</sup>	120+
OMU400DI	ORCA MULTI-USE EX- LARGE DI	518 x 502 x 502 mm 20.4 x 19.8 x 19.8 in	420 x 420 x 420 mm 16.5 x 16.5 x 16.5 in	74.1 L	50.0 L	10.7 kg 23.6 lbs	16.0 kg 35.3 lbs	21.8 kgvol <sup>c</sup> 48.1 lbsvol <sup>c</sup>	120+

## ORCA SINGLE-USE SOLUTIONS

ORCA Single-Use solutions utilise recyclable and cost-effective materials where possible. Ideal for use where return logistics cannot be completed but high performance is required.

Code	Product Name	External Dimensions	Internal Dimensions	Internal Volume	Payload Volume	Mass	Dry Ice Mass	Volumetric Weight L/6	Duration*
OSU100DI	ORCA SINGLE-USE SMALL DI	310 x 305 x 295 mm 12.2 x 12.0 x 11.6 in	218 x 218 x 218 mm 8.6 x 8.6 x 8.6 in	10.4 L	1.5 L	3.4 kg 7.4 lbs	7.0 kg 15.4 lbs	4.6 kgvol <sup>c</sup> 10.2 lbsvol <sup>c</sup>	120+
OSU200DI	ORCA SINGLE-USE MEDIUM DI	385 x 380 x 365 mm 15.2 x 15.0 x 14.4 in	280 x 280 x 280 mm 11.0 x 11.0 x 11.0 in	21.9 L	6.5 L	4.2 kg 11.0 lbs	12.0 kg 26.5 lbs	8.9 kgvol <sup>c</sup> 19.6 lbsvol <sup>c</sup>	120+
OSU300DI	ORCA SINGLE-USE LARGE DI	435 x 430 x 420 mm 17.1 x 16.9 x 16.5 in	340 x 340 x 340 mm 13.3 x 13.3 x 13.3 in	39.3 L	21.5 L	7.5 kg 15.3 lbs	14.0 kg 30.9 lbs	13.1 kgvol <sup>c</sup> 28.8 lbsvol <sup>c</sup>	120+
OSU400DI	ORCA SINGLE-USE EX- LARGE DI	515 x 510 x 500 mm 20.3 x 20.1 x 19.7 in	420 x 420 x 420 mm 16.5 x 16.5 x 16.5 in	74.1 L	50.0 L	10.0 kg 15.3 lbs	16.0 kg 35.3 lbs	21.9 kgvol <sup>c</sup> 48.2 lbsvol <sup>c</sup>	120+

\*Duration tested against ISTA 7D Summer profile, Duration shows the time the payload remained below -20°C rounded down to the nearest 24 hours.

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