

ORCA SINGLE-USE

2-8°C, 15-25°C, -15 TO -25°C, DRY ICE



TEMPERATURE
CONTROLLED
PACKAGING



ORCA Single-Use is a portfolio of high performance solutions that provides a minimum of 96 hours of superior thermal protection for 2-8°C, 15-25°C, -15 to -25°C and frozen temperature sensitive payloads. ORCA Single-Use systems are designed to manage excursion risks, control costs and prioritise patient safety for one way shipping.

The ORCA Single-Use range utilises Phase Change Material (PCM) and Vacuum Insulation Panel (VIP) technology offering unparalleled performance for single use systems while offering significant volumetric weight savings.

An innovative design that reduces packing times and errors, ORCA Single-Use makes it easy to be fully GDP compliant.

Features

- Up to 96 hours of high performance thermal protection
- 2-8°C systems safe to place in a fridge when experiencing unplanned delays
- Universal pack outs makes ORCA Single-Use easy to use and reduces the risks of packing errors
- Significant reductions in volumetric and physical weight which provides a lower total cost of distribution
- Qualified for a minimum of 120 hour performance when using dry ice as a coolant to maintain temperatures below -20°C

For more information please contact Intelsius UK cs@intelsius.com

PCM ORCA SINGLE-USE SOLUTIONS

Code	Product Name	External Dimensions	Payload Dimensions	Payload Volume	Mass	Volumetric Weight L/6	Duration*
OSU111	ORCA SINGLE-USE 2-8°C 4.4L	310 x 305 x 295 mm 12.2 x 12.0 x 11.6 in	167 x 167 x 160 mm 6.5 x 6.5 x 6.3 in	4.4 L	7.0 kg 15.4 lbs	4.6 kgvol ⁶ 10.2 lbsvol ⁶	72+
OSU221	ORCA SINGLE-USE 2-8°C 11.1L	385 x 380 x 365 mm 15.2 x 15.0 x 14.4 in	225 x 225 x 220 mm 8.8 x 8.8 x 8.6 in	11.1 L	10.0 kg 22.2 lbs	8.9 kgvol ⁶ 19.6 lbsvol ⁶	96+
OSU331	ORCA SINGLE-USE 2-8°C 23.5L	435 x 430 x 420 mm 17.1 x 16.9 x 16.5 in	290 x 290 x 280 mm 11.4 x 11.4 x 11.0 in	23.5 L	14.7 kg 32.2 lbs	13.1 kgvol ⁶ 28.8 lbsvol ⁶	96+
OSU441	ORCA SINGLE-USE 2-8°C 50.6L	515 x 510 x 500 mm 20.3 x 20.1 x 19.7 in	370 x 370 x 370 mm 14.5 x 14.5 x 14.5 in	50.6 L	20.6 kg 45.3 lbs	21.9 kgvol ⁶ 48.2 lbsvol ⁶	96+
OSU112	ORCA SINGLE-USE 15-25°C 4.4L	310 x 305 x 295 mm 12.2 x 12.0 x 11.6 in	167 x 167 x 160 mm 6.5 x 6.5 x 6.3 in	4.4 L	6.3 kg 13.9 lbs	4.6 kgvol ⁶ 10.2 lbsvol ⁶	72+
OSU222	ORCA SINGLE-USE 15-25°C 11.1L	385 x 380 x 365 mm 15.2 x 15.0 x 14.4 in	225 x 225 x 220 mm 8.8 x 8.8 x 8.6 in	11.1 L	9.5 kg 21.0 lbs	8.9 kgvol ⁶ 19.6 lbsvol ⁶	72+
OSU332	ORCA SINGLE-USE 15-25°C 23.5L	435 x 430 x 420 mm 17.1 x 16.9 x 16.5 in	290 x 290 x 280 mm 11.4 x 11.4 x 11.0 in	23.5 L	14.1 kg 30.9 lbs	13.1 kgvol ⁶ 28.8 lbsvol ⁶	96+
OSU442	ORCA SINGLE-USE 15-25°C 50.6L	515 x 510 x 500 mm 20.3 x 20.1 x 19.7 in	370 x 370 x 370 mm 14.5 x 14.5 x 14.5 in	50.6 L	19.7 kg 43.3 lbs	21.9 kgvol ⁶ 48.2 lbsvol ⁶	96+
OSU113	ORCA SINGLE-USE -25 to -15°C 4L	310 x 305 x 295 mm 12.2 x 12.0 x 11.6 in	170 x 170 x 170 mm 6.6 x 6.6 x 6.6 in	4.9L	8.5 kg 18.7 lbs	4.6 kgvol ⁶ 10.2 lbsvol ⁶	72+
OSU223	ORCA SINGLE-USE -25 to -15°C 11L	385 x 380 x 365 mm 15.2 x 15.0 x 14.4 in	230 x 230 x 230mm 9.0 x 9.0 x 9.0in	12.1L	13.1 kg 28.8 lbs	8.9 kgvol ⁶ 19.6 lbsvol ⁶	96+
OSU333	ORCA SINGLE-USE -25 to -15°C 23L	435 x 430 x 420 mm 17.1 x 16.9 x 16.5 in	290 x 290 x 290 mm 11.4 x 11.4 x 11.4 in	24.3L	20.9 kg 46.0 lbs	13.1 kgvol ⁶ 28.8 lbsvol ⁶	120+

*Duration tested against ISTA 7D Summer and Winter profiles, duration shows the lowest duration of these tests rounded down to the nearest 24 hours.

DRY ICE ORCA SINGLE-USE SOLUTIONS

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 ⁶ 10.2 lbsvol ⁶	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 ⁶ 19.6 lbsvol ⁶	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 ⁶ 28.8 lbsvol ⁶	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 22.2 lbs	16.0 kg 35.3 lbs	21.9 kgvol ⁶ 48.2 lbsvol ⁶	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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