

2 Assembly

OMX333 ORCA Connect 23L -25°C to -15°C



Component		Quantity
A _i	Top and Bottom ORCA M 23L Plantol Bottles	2
A _{ii}	Front and Back ORCA M 23L Plantol Bottles	2
A _{iii}	Side ORCA M 23L Plantol Bottles	2
B	Payload	1
C	ORCA Connect 23L Case	1
Di	Document Case	1
Dii	Logger Housing	1

2.1 Conditioning

- 2.1.1 Shake the ORCA Connect PCM bottles thoroughly before placing into a freezer, spacing them out to allow good airflow around all six bottles.
- 2.1.2 The bottles should be stored in the freezer for a minimum time of 72 hours and at a maximum temperature of -25°C. Results will improve when freezing the bottles at -30°C and below.
- 2.1.3 Before using, ensure the bottles are frozen solid throughout. Once suitably frozen the bottles can be held in the freezer space at -25°C until needed.
- 2.1.4 Results depend on the performance of the equipment, freezing temperature, and air flow around the bottles.

2.2 Packing Instructions

- 2.2.1 Pack the ORCA Connect 23L system with the front of the case closest to you. Make sure the chosen logger is added to the logger housing (Dii) and any documentation is placed in the document case (Di) before following the next steps.
- 2.2.2 Place one bottle (A_i) flat in the base of the ORCA Connect 23L case with the long edges facing the front and back of the system.
- 2.2.3 Pack two bottles (A_{ii}) against the front and back of the ORCA Connect 23L case with the shortest edge in contact with the base of the ORCA Connect insulation.
- 2.2.4 Pack a further two bottles (A_{iii}) against the sides of the ORCA Connect 23L case, one on each side, with the longest side of the bottles resting on the bottom bottle.
- 2.2.5 The payload (B) can be placed into the area defined by the bottles. The remaining bottle (A_i) can now be put on top in the same orientation as the bottom bottle. This bottle will be propped up by the two side bottles.
- 2.2.6 The lid can now be closed and secured by taping along the two areas marked with dotted lines and using security seals through the front locking tabs (C).
- 2.2.7 Your ORCA Connect system is now ready to be shipped.