

ORCA Single-Use -25 to -15°C Conditioning Guides

1. Shake the ORCA Single-Use cassettes thoroughly before freezing. Place the cassettes spaced out into a -30°C freezer until completely frozen (suggested minimum time of 48hrs at a warmest temperature of -25°C). Once suitably frozen, the cassettes can be held in the freezer space at -30°C until needed. The temperature of the cassette can be checked using a surface probe in the aperture on the cassette.



2. Once the ORCA Single-Use cassettes have been prepared for the recommended time, they are ready to be assembled into the ORCA system.
3. The ORCA Single-Use cassettes define a fixed payload space where temperature control is maintained. Place one PCM cassette in the base of the ORCA Single Use system, with the coloured side running left to right. Pack two PCM cassettes, one at the front and one at the back, with the shortest side resting on the base of the VIP panel and the coloured sides running vertically. Pack a further two PCM cassettes against the sides of the ORCA Single Use insulation, one on each side, with the longest side resting on the base cassette and the coloured sides running front to back. The payload can now be inserted into the space defined by these 5 cassettes. Place the remaining PCM cassette flat on top, this cassette should rest on the left and right cassettes with the coloured sides running left to right.



4. Close the outer case lid, secure the fasteners and seal with two strips of packing tape following the tape area marked with dotted lines. The ORCA is now ready to be shipped.

NOTICE

Do not puncture, scratch or bend the white vacuum insulation panels. This may result in vacuum loss, which will significantly reduce system performance. Each panel should feel rigid and have a tense surface. If the vacuum has been lost panels will feel soft, flaccid and have a loose-fitting surface.

If you believe any panel has been damaged do not use this system and refer to your local SOP or your Intelsius representative for guidance.

Intelsius recommend that customers conduct validation work of the preparation guidelines based on specific equipment, processes and ambient environment in line with Good Distribution Practices (GDP).

For alternative preparation protocols please contact compliance@intelsius.com