ORCA Single-Use 15 to 25°C Conditioning Guides

1. When using the ORCA Single-Use for average ambient temperatures below 20°C, prepare the ORCA Single-Use cassettes in a 23°C +/- 1°C environment for a minimum of 48hrs. Ensure the cassettes are spaced out to allow good airflow around all six panels. The ORCA Single-Use cassettes should be in a fully liquid state before packing to achieve maximum performance. The temperature of the cassette can be checked using a surface probe in the aperture on the cassette. A decrease in duration is possible if prepared at a lower temperature.

2. When using the ORCA Single-Use for average ambient temperatures above 20°C, prepare the ORCA Single-Use cassettes in a 17°C +/- 1°C environment for a minimum of 48hrs. Ensure the cassettes are spaced out to allow good airflow around all six panels. The ORCA Single-Use cassettes should be in a fully solid state before packing to achieve maximum performance. The temperature of the cassette can be checked using a surface probe in the aperture on the cassette. A decrease in duration is possible if prepared at a higher temperature.

3. Once the ORCA Single-Use cassettes have been prepared for the recommended time, they are ready to be assembled into the ORCA system.

4. 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.

5. 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*