



November, 2024

TECHNICAL PRODUCT BULLETIN TB-2024-11-01 Rev A

Subject: HC & XT Series Specification Changes

In an effort to continuously improve the quality of the products IC Biomedical manufacture, we would like to confirm that there have been some changes made to the HC and XC series of products. IC Biomedical have moved to a two piece design which reduces the number of weld points required to manufacture the vessel and helps to reduce the risk of necktube failure.


Visually the vessels will now only have 2 weld seems whereas the old design vessels had 6. The new design HC and XT series have the same LN2 capacity and hold time.

Specifications	8XTLB	New 8XTL	10XTB	New 10XT	12HCLB	New 12HCL	20XTB	New 20XT
LN2 Capacity (L)	8	8	10	10	12	12	20	20
Static Hold Time (Days)	80	80	100	100	60	60	230	230
Evap. Rate (Litres per day)	0.1	0.1	0.1	0.1	0.2	0.2	0.09	0.09
Dimensions								
Necktube (in/mm)	2.0 / 50.8	2.0 / 50.8	2.0 / 50.8	2.0 / 50.8	3.6 / 91.4	3.6 / 91.4	2.0 / 50.8	2.0 / 50.8
Height (in/mm)	19 / 482.6	19.53 / 496.0	23.8 / 604.5	23.73 / 602.7	18.53 / 470.0	18.89 / 479.8	25.8 / 655.3	25.94 / 658.8
Diameter (in/mm)	15.6 / 396.2	14.46 / 367.2	11.4 / 289.6	11.22 / 284.9	15.42 / 391.6	14.46 / 367.2	15.6 / 396.2	14.46 / 367.2

Specifications	20HCB	New 20HC	34XTB	New 34XT	38HCB	New 38HC
LN2 Capacity (L)	20	20	34	34	38	38
Static Hold Time (Days)	87	87	340	340	120	120
Evap. Rate (Litres per day)	0.23	0.23	0.1	0.1	0.31	0.31
Dimensions						
Necktube (in/mm)	3.6 / 91.4	3.6 / 91.4	2.0 / 50.8	2.0 / 50.8	5.0 / 127	5.0 / 127
Height (in/mm)	26.8 / 680.7	24.40 / 619.7	26.3 / 688.0	26.82 / 681.2	26.8 / 680.7	26.32 / 668.5
Diameter (in/mm)	18.8 / 477.5	14.46 / 367.2	18.8 / 477.5	17.94 / 455.6	18.8 / 477.5	17.94 / 455.6

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