



The CryoBA vessels are used to store biological materials in cold nitrogen vapour or soaked in fluids up to -196°C (-190°C if in vapour).

These vessels have a high-vacuum cavity and multilayer insulation that minimise heat loss. They are mounted on wheels, so they can be easily moved around, and have an inner revolving basket (ST-type) so standard vial and bag racks may be easily put in and taken out.

The standard control system is the CryoBiocAre by Ambra Sistemi, with WiFi and RFID.

All models have battery backup (UPS), gas bypass and are certified for category IIa, according to 93/42/CEE Directive (Medical Device Directive).

The vessels may be installed alone or in groups to make a whole cryo-bank.

In special configurations, the OP open-mouth vessels too may be used in nitrogen vapour.

MAIN FEATURES

CryoBA Model	Height (from ground level to opening) [mm]	Outer diameter [mm]	Useful diameter [mm]	Opening diameter [mm]	Total volume [lt]	Fill volume [lt]	Empty weight [Kg]	Useful inner height [mm]
310 ST	1150	850	730	310	310	50	220	445
430 ST	1350	850	730	310	430	50	260	670
470 ST	1450	850	730	310	470	55	270	775
510 ST	1590	850	730	310	510	55	280	875
730 ST	1490	1095	985	440	730	135	350	640
940 ST	1740	1095	985	440	940	135	390	875
300 OP	1320	720	645	645	300	280	170	750
410 OP	1320	850	770	770	410	370	190	750
470 OP	1450	850	770	770	470	430	200	875
530 OP	1580	850	770	770	530	490	210	1000



HOLDING CAPACITY

	310 ST	430 ST	470 ST	510 ST	730 ST	940 ST	300 OP	410 OP	470 OP	530 OP
No. of standard racks for 2 ml vials	8	12	14	15	11	15	13	13	15	17
No. of racks for 100/81-position box	12	12	12	12	24	24	12	17	17	17
No. of racks for 25-position box	4	4	4	4	12	12	4	6	6	6
Total no. of 2 ml vials	10400	15600	18200	19500	29700	40500	16900	24050	27750	31450
No. of standard racks for 50 ml bags (4R9951)	4	6	7	8	6	8	7	7	8	9
No. of racks for 50ml bags (4R9951)	124	124	124	124	244	244	115	162	162	162
Total no. of 50ml bags (4R9951)	496	744	868	992	1464	1952	805	1134	1296	1458
No. of standard racks for 250 ml bags (4R9953)	3	4	4	5	4	5	4	4	5	6
No. of racks for 250 ml bags (4R9953)	96	96	96	96	192	192	83	130	130	130
Total no. of 250 ml bags (4R9953)	288	384	384	480	768	960	332	520	650	780
No. of standard rack for 500 ml bags (4R9955)	3	4	4	5	4	5	4	4	5	6
No. of racks for 500 ml bags (4R9955)	68	68	68	68	144	144	67	100	100	100
Total no. of 500 ml bags (4R9955)	204	272	272	340	576	720	268	400	500	600
No. of standard rack for 750 ml bags (4R9957)	3	4	4	5	4	5	4	4	5	6
No. of racks for 750 ml bags (4R9957)	52	52	52	52	116	116	51	78	78	78
Total no. of 750 ml bags (4R9957)	156	208	208	260	464	580	204	312	390	468