

Limitless Bioprocessing™



CellBRx®-IST Integrated Seed Train

The World's First Integrated, Automated, and Close-loop Cell Expansion Platform For Large-Scale Production of Vaccines and Viral Vectors.

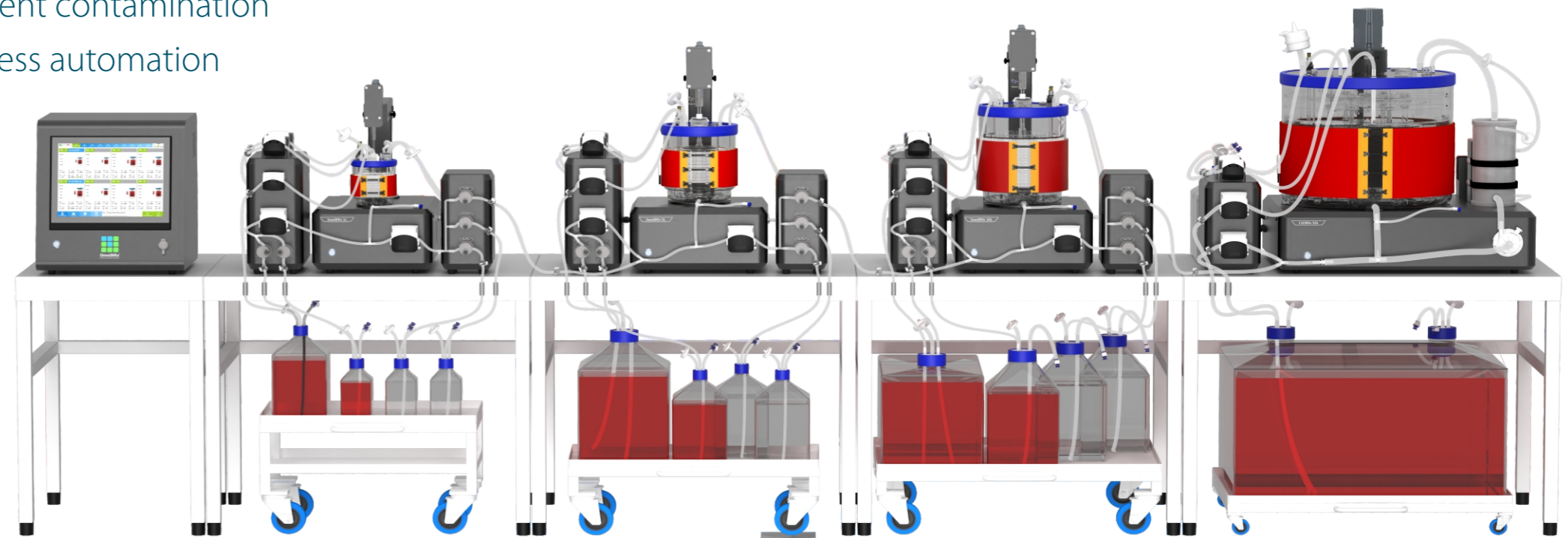


CellBRx® 50L

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	T-175	CF-1	CF-4	SeedBRx 1L	SeedBRx 5L	SeedBRx 10L	CellBRx® 50L (Production Scale)
Surface Area (m ²)	0.0175	0.063	0.253	1	6.5	40	250
Media Volume (L)	0.035	0.2	0.8	2	13	80	400
Cells Seeded (mvc)	5	19	76	300	1,920	12,000	75,000
Cells Grown (mvc)	26	114	300 + 156 <small>(Backup CF-2)</small>	3,000	19,200	1,20,000	12,50,000

- Pre-sterilised, Inter-connected devices to prevent contamination
- Robust process controls with end-to-end process automation
- Table top, less facility footprint
- Process consistency
- Cost efficient



The World's First Integrated Seed Train

Conventional Seed Train	T-175 x2	CF-2	2X CF-4	3X CF-10+CF-2	4X CF-40	20X CF-40	CellBRx® 50L (Production Scale)
	Surface Area (m ²)	0.0175 X 2	0.127	0.509	2.04	10.2	51
Media Volume (L)	0.070	0.4	1.6	6.4	32	160	400
Cells Seeded (mvc)	11	38	153	611	3,053	15,264	75,000
Cells Grown (mvc)	53	191	763	3,053	15,264	76,320	12,50,000

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