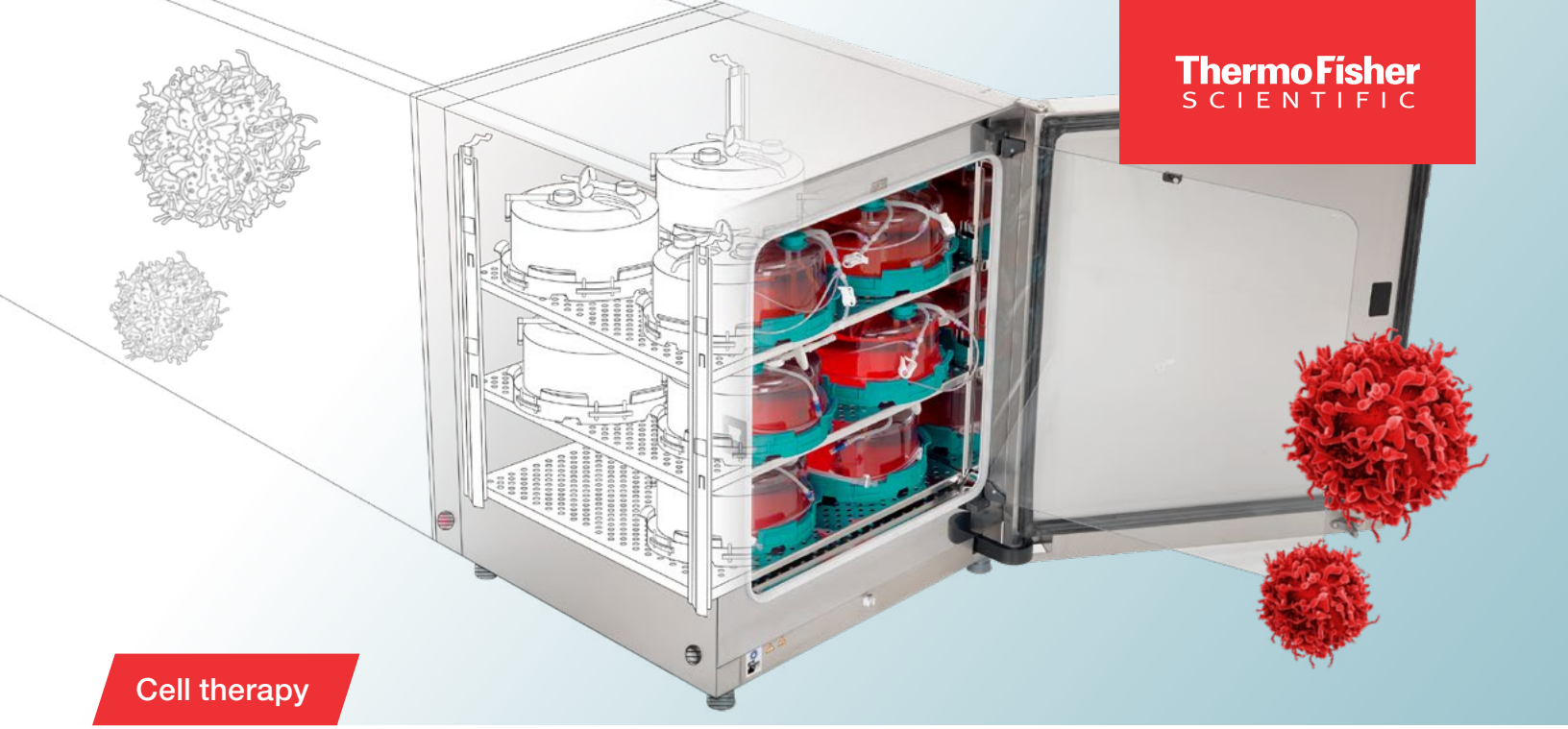


Cell therapy

CultiMaxx Shelving Systems for G-Rex bioreactors

Shelving systems for Forma Steri-Cycle i250 CO_2 Incubators and Forma Steri-Cycle i250 CR CO_2 Incubators CTS Series

Life-changing cell therapies can't wait. With a focus on increasing production yield for cell therapies, we redesigned the interior components for our popular Thermo Scientific™ Forma™ Steri-Cycle™ i250 CO_2 Incubator and Thermo Scientific™ Forma™ Steri-Cycle™ i250 CR CO_2 Incubator CTS™ Series. The result is the Thermo Scientific™ CultiMaxx™ Shelving System optimized to incubate up to 150% more Wilson Wolf G-Rex® 500M-CS bioreactors in the same footprint.[1]

With the standard incubator interior configuration, the Steri-Cycle i250 (CR) CO_2 incubators (255 L/9.0 cu.ft.) could accommodate up to four G-Rex® 500M-CS units. The CultiMaxx shelving system for G-Rex® 500M-CS increases usable space in the incubator chamber to accommodate up to ten G-Rex® 500M-CS bioreactors simultaneously.

The CultiMaxx shelving system is also suitable for G-Rex® bioreactors in other sizes, e.g. G-Rex® 100M-CS and G-Rex® 10M-CS.

Features:

1. Holds up to 10x G-Rex® 500M-CS
2. Increases production per footprint
3. Stainless steel reinforced shelves
4. Retrofittable in the field
5. Available as accessory

[1] Compared to the standard shelving system provided with every Forma Steri-Cycle i250 and Forma Steri-Cycle CR i250 CO_2 Incubator.

Optimize your incubator space

Increase Steri-Cycle i250 incubator capacity by up to 150%[1]

Standard system: 4x G-Rex® 500M-CS bioreactors	CultiMaxx system: 10x G-Rex® 500M-CS bioreactors

BEFORE

AFTER

150% more capacity

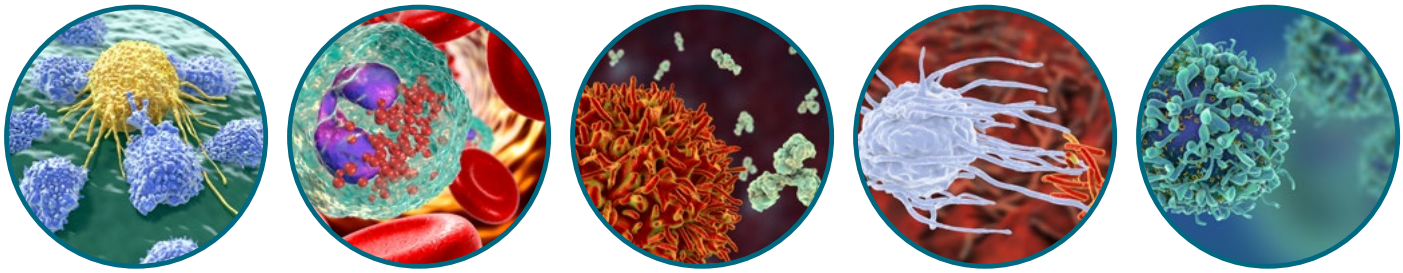
When the G-Rex® shelving is used in a stack of two Steri-Cycle i250 standard/CR CO_2 incubators, the number of G-Rex® 500M-CS bioreactors per footprint increases from eight to twenty.

Redesigned for greater load bearing

CultiMaxx shelving system is an innovative design featuring reinforced stainless steel shelving which provides a maximum weight capacity of 65 kg/144 lbs.

Space efficient

More production capacity and culture throughput in the footprint of a single CO_2 incubator.



[1] Compared to the standard shelving system provided with every Forma Steri-Cycle i250 and Forma Steri-Cycle CR i250 CO_2 Incubator.

Wilson Wolf G-Rex bioreactors

Production of suspension cells

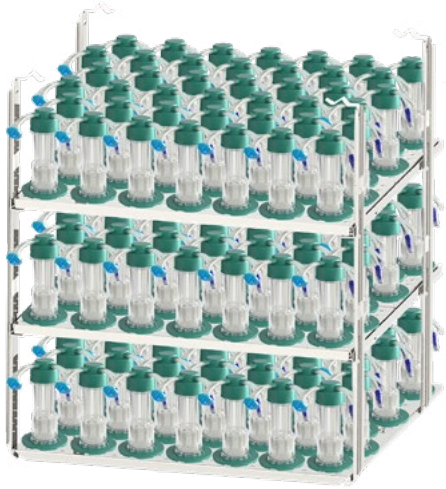
Wilson Wolf G-Rex® bioreactors

G-Rex® bioreactors were designed by Wilson Wolf Corporation for predictable, efficient, and scalable cell expansion. They enable parallel patient processing and can produce the large numbers of cells needed for cell-based therapeutics, from preclinical through commercial scale manufacturing. By giving cells unlimited and undisturbed access to nutrients and oxygen, G-Rex® bioreactors help eliminate media exchanges and the complex and expensive hardware required in integrated systems which can make them an ideal cell therapy production platform for immune cells such as T cells, natural killer cells, and hematopoietic cells.

Learn more at scaleready.com/g-rex

For up to 10x G-Rex 500M-CS

For up to 45x G-Rex 100M-CS



For up to 123x G-Rex 10M-CS

G-Rex® 500M-CS (closed system)

500 cm^2 gas permeable membrane surface area with 5000 mL media capacity. Expand 250 million cells into between 10 to 20 billion cells in about 10 days with NO medium exchange.

- Sterile Fluid Path – P/N G285500-CS [Validated Sterile Fluid Path]

G-Rex® 100M-CS (closed system)

100 cm^2 gas permeable membrane surface area with 1000 mL media capacity. Expand 50 million cells into between 2 to 4 billion cells in about 10 days with NO medium exchange.

- Sterile Fluid Path – P/N 81100-CS [Validated Sterile Fluid Path]

G-Rex® 10M-CS (closed system)

10 cm^2 gas permeable membrane surface with 100 mL media capacity. Expand 5 million cells into between 200 to 400 million cells in about 10 days with NO medium exchange.

- Sterile Fluid Path – P/N 80110-CS [Validated Sterile Fluid Path]

Ordering information

CultiMaxx system for G-Rex bioreactors

Specifications

Description		Maximum number of G-Rex® bioreactors*	Maximum weight capacity
Shelving for G-Rex® 500M-CS bioreactors		**10**	**65 kg/ 144 lbs**
500M-CS	Top level	4	26 kg/ 57.4 lbs
	Mid level	4	26 kg/ 57.4 lbs
	Bottom level	2	13 kg/ 28.7 lbs
Shelving for G-Rex® 100M-CS bioreactors		**45**	**65 kg/ 144 lbs**
100M-CS	Top level	18	26 kg/ 57.4 lbs
	Mid level	18	26 kg/ 57.4 lbs
	Bottom level	9	13 kg/ 28.7 lbs
Shelving for G-Rex® 10M-CS bioreactors		**123**	**65 kg/ 144 lbs**
10M-CS	Top level	42	26 kg/ 57.4 lbs
	Mid level	42	26 kg/ 57.4 lbs
	Bottom level	39	13 kg/ 28.7 lbs

* Maximum amount of bioreactors is determined by available space and maximum weight with filled vessels

Ordering information

Description	Cat. No.
Shelving System optimized for G-Rex® 500M-CS*	
CultiMaxx Shelving System to support up to 10 G-Rex 500M-CS bioreactors for Forma Steri-Cycle i250 (CR) and Heracell VIOS 250i (CR) CO_2 incubator	50164781

* Only the shelving system, customer-installation (no technician needed). G-Rex® bioreactors must be ordered from Wilson Wolf Corporation.

Learn more at **thermofisher.com/cultimaxx**

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