

CXP

Cell Expansion Containers

- Single-use DEHP-free bag designed for the culture and expansion of non-adherent cells
- Integrated tubing enables closed-system filling, feeding, and sampling
- Gas-permeable film
- Cell expansion observed with multiple cell models
- Scalable, user-friendly design

Benefits

- DEHP-free materials
- Reusable sampling valve for in-process testing
- Increased tubing length for flexibility
- BSE / TSE statement available upon request



CXP - 5L



CXP - 3L

Cell Expansion Validation

- Validation included expansion of tumor-infiltrating lymphocytes (TIL) and human Th2 Rapa cells
- Total viable count and total nucleated cell counts evaluated
- Cell expansion demonstrated for both cell models

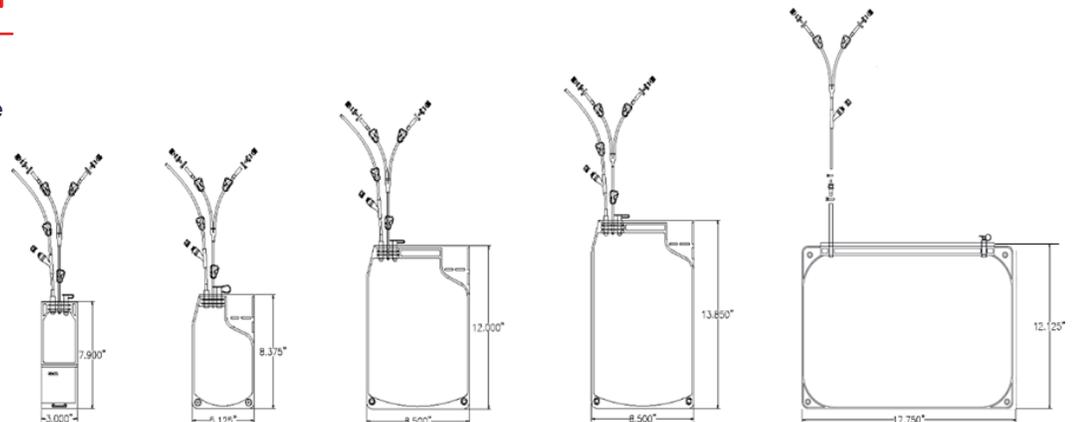
Standard Applications

Expansion and culture of non-adherent cells for development and commercial production in biopharma / research applications

Ordering Information

- Includes 2 leads and female luers
- Dockable fill line with sampling valve

CATALOG #	CASE QTY
CXP-50	24
CXP-500	12
CXP-1L	12
CXP-3L	12
CXP-5L	12



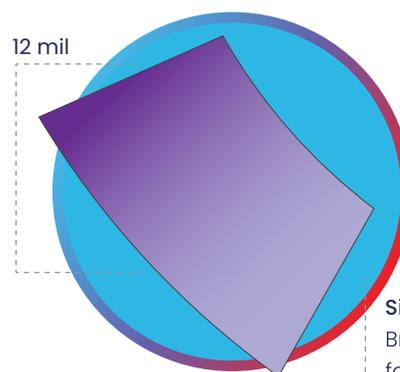
Recommended Working Volumes

Product	Minimum Starting Volume	Minimum Starting Cell Volume	Maximum Expansion Volume	Maximum Cell Expansion Number	Volume at 1cm Thickness
CXP-50	10mL	2 x 10 ⁵ cell/mL	45mL	1.5 x 10 ⁶ cells/mL	30mL
CXP-500	100mL	2 x 10 ⁵ cell/mL	350mL	1.5 x 10 ⁶ cells/mL	190mL
CXP-1L	300mL	2 x 10 ⁵ cell/mL	700mL	1.5 x 10 ⁶ cells/mL	380mL
CXP-3L	550mL	2 x 10 ⁵ cell/mL	2000mL	1.5 x 10 ⁶ cells/mL	630mL
CXP-5L	1100mL	2 x 10 ⁵ cell/mL	3500mL	1.5 x 10 ⁶ cells/mL	1250mL

Film Biocompatibility Data*

Property	Test Protocol	Value
USP Class VI	USP <88>	Pass
Cytotoxicity	USP <87>	Pass
Hemolysis	ISO-10993-4	Pass
Heavy Metals	USP <661>	Pass
Buffering Capacity	USP <661>	Pass
Non-volatile Residue	USP <661>	Pass
Residue on Ignition	USP <661>	Pass

*post-gamma irradiation



Single-layer Polyolefin Film
Breathable, non-oxygen barrier
for optimum cell growth

Contact us today at www.chartermedical.com

CXP is not for clinical use in humans or animals.

All data and statements concerning these products may be considered as being indicative of representative properties and characteristics obtainable. We make no warranty, express or implied, concerning actual use or results because of industry-specific influences.