



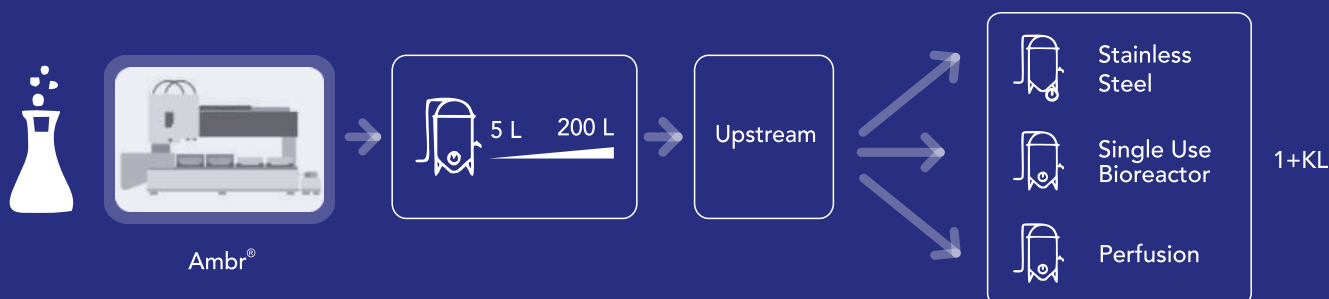
Process Scale Up

Built on a solid platform of **Development** and **Manufacturing scientists**, we enable scale up for both **upstream** and **downstream** processes.

Rich **Technology Transfer** experience enables us to accept an existing process at any stage and scale the process up to over **1000+** Litres capacity.

Technological versatility in **stainless steel**, **single use reactors** and **perfusion** cell culture systems enables scale up technology choices.

In-house expertise in analytical and process characterization capability enables for a **One Stop Shop Solution**.





Process Scale Up

Why us

- Proven capability of Fed Batch and Perfusion culture systems at clinical and commercial scales
- Manufacture up to 200 Litres in non-GMP and up to 1000+ (Perfusion) Litres in GMP
- Strong quality systems oversight and adaptability from project initiation to culmination
- Ability to absorb any existing process and add value by scaling it up to the requisite scale and technology
- One Stop Shop for everything process – Process Development over a wide range of scales to Process Analytics and Characterization

What we do

Scale

GMP – 200L – 1000L |
Non GMP – 50 – 200L

Platforms

Single Use Bioreactor |
Stainless steel | ATF

Culture Mode

Batch | Fed Batch | Perfusion

Downstream

Batch Chromatography
–TFF | Affinity | HIC |
Mixed Mode |
Protein PEGylation |
DS generation

Cell Line

CHO (S) | CHO K1 – GS⁺ |
CHO-DXB11 | E coli

Protein

mAb | Fab | Fusion Protein |
Cytokine | Enzyme | Hormone |
Hyperglycosylated Proteins |
Derivatized Proteins

