Maximized Working Volumes across Scales

When we say 20 kL, we mean 20 kL

Our stated mammalian stainless steel bioreactor capacity reflects working volumes across scales.

For example, Lonza 20 kL bioreactors operate at 20 kL of working volume.

>20 kL bioreactor total volume → **20 kL bioreactor working volume**



What is the value of maximized working volumes?

Maximized batch output*. Optimized COGs

More product per batch

*Assuming same titers

Minimized number of required batches

Meet demand with fewer manufacturing runs

Minimized resources requirements

Across customer teams

Lean operating model

Less complexity, easier planning

Enhanced manufacturing economics

Greater value across manufacturing operations

Want to unlock greater value?

Read the Q&A with **Jeffrey O'Connor** *Executive Director, Commercial Development* and explore how greater value can be built into every biologics batch.