CDMOs face challenges: We provide solutions

Current environment

• Speed has defined the race for SARS-CoV-2 biologics with hundreds of vaccines and biotherapeutics advancing to clinical phases in the past year
• The biologics pipeline has not slowed down during the pandemic
• CDMOs face reduced timelines and cost pressures while expanding capacity
• There is increased pressure to maximize productivity and scalability to meet customer demands

Market challenges

• Demand planning amidst market uncertainty
• Managing supply bottlenecks in key production inputs (e.g., cGMP chemicals and process liquids, single-use technology)
• Scaling quickly without compromising quality
• Staying flexible as biopharma partner requirements and needs change
• Building capacity (at risk) ahead of clarity on molecule regulatory status

Solutions to meet your needs

Thermo Scientific™ HyPerforma™ DynaDrive™ Single-Use Bioreactor (S.U.B.)
Support to overcome bioreactor limitations and facilitate both optimal cell culture performance and increased cell densities
Help increase speed to market while reducing cost of goods
• Turndown ratio enables n-k seed train capabilities in same vessel
  – 10:1 in-vessel turndown
• Best-in-class performance
  – Power, mixing, mass transfer

Facility considerations
• Efficient facility footprint
  – 50 L to 5,000 L S.U.B.s
• Ability to meet varying customer needs
  – Flexible, scalable hardware

Process liquid preparation services
Simplify your process liquid and buffer manufacturing, and make core manufacturing a priority

Specification flexibility
• Satisfy unique workflow specifications with flexible options: chemical type/supplier, format, and container type

Global network
• Access a broad portfolio of cGMP chemicals and manufacturing capabilities

Expertise and experience
• Manage process liquid and buffer manufacturing with a trusted partner

World-class speed, service, and scalability
A commitment to excellence in product innovation plus responsive services for bioprocessing
• Innovation that adapts to the evolving landscape
• Capability and capacity to quickly tailor solutions to address your unique process and operational needs
• Scale that enables us to help in responding to changing demands

Find out more at thermofisher.com/bioprocessing