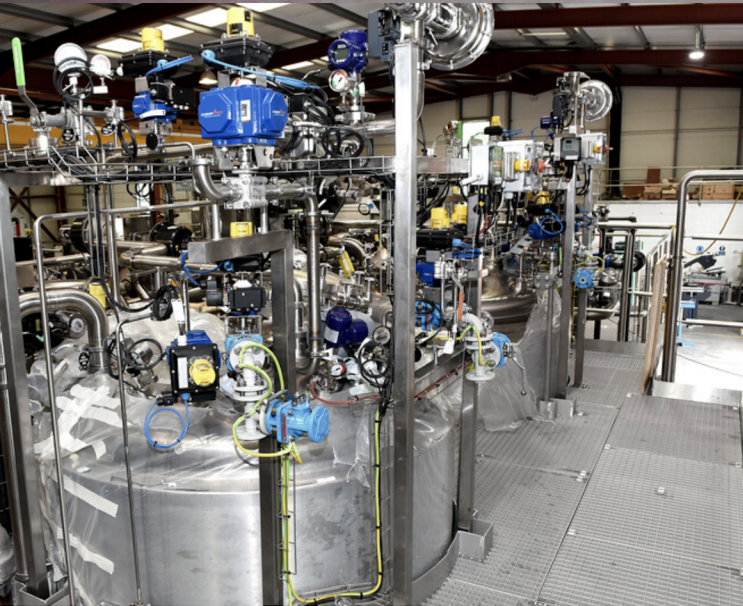




Case Study - CIP BioPharma Customer

- Large CIP System integrating multiple site CIP process requirements.
- AL-6XN® alloy used for all process contact parts to increase pitting resistance.
- 3m3 CIP Tanks with Mag Drives. 0.8m3 WFI Tank. Dual pump system.
- All instruments wired to remote IO panel that integrate seamlessly to the plant DCS System.
- All systems built and tested in our workshop to the highest standards and client's requirements.
- Flow Technology installed the system in an existing process area. Extensive 3D review undertaken by Flow Technology to study the move-in, break the system down to over 150 parts, and detail how every single part will be brought into the building.



System Overview

Materials	AL-6XN® & 316L SS
Volume	3m3 CIP tanks & 0.8m3 WFI tank
Valves	GEMU
Agitator	Novaseptic
Pumps	GEA Hilge
Heat Exchangers	Allegheny Bradford
Codes	ASME BPE, PED

flow
technology™

CIP SYSTEM CAPABILITIES

- Over 40 years of experience in the design, build and testing of customised Clean-in-Place and Clean-out-of-Place systems to ASME BPE.
- Direct injection, single and multiple vessel designs.
- Systems fully designed to customer requirements, incorporating our decades of experience in cleaning head and injection technology
- Systems built in 316L and higher alloys for use with both aqueous and solvent solutions.
- Expertise in environmental and economical design using novel technologies to reduce energy and water use.

flow
technology[™]



Further Information

Contact

Ian Shanahan
Business Development Manager
M: +353 83 428 3994
T: +353 63 815 60
E: ishanahan@flowtechnology.ie

