Level Plus®
Magnetostrictive Liquid Level Transmitters with Temposonics Technology

Bioreactors

INDUSTRY: Pharmaceutical & biotechnology
PRODUCT: Proprietary liquid with blood plasma

APPLICATION OVERVIEW
Automatic tank gauging of the level in bioreactor for proprietary liquids that can cost upwards of $100,000 per 1/8". The highest level of accuracy is a must to monitor the process and prevent the loss of a batch.

KEY REQUIREMENTS
• Sanitary (hygienic) wetted parts
• Accurate level measurement of product
• High performance during agitation
• CIP capable

TEMPOSONICS SOLUTION
SoClean® Transmitter
- 3-A certified design to standard 74-06 sensors and sensor fittings and connections
- Electropolished Ra 15 µin. surface finish
- Accurate level measurement of the product level to ±1 mm (0.039 in.)
- The SoClean model is not affected by agitation as the rigid 5/8" OD pipe is strong enough not to bend or vibrate during agitation
- The SoClean model has been used by numerous customers with their CIP process without fault