Blending Tanks
Application Note

INDUSTRY: Pharmaceutical & biotechnology
PRODUCT: Water solutions & buffers

APPLICATION OVERVIEW
Automatic tank gauging of the level in blending tanks mixing water, acids, bases, and/or buffers to create buffers solutions. The interactions during the blending process can create a layer of foam or foam balls that can cause inaccurate level measurement.

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

MTS SENSORS SOLUTION
SoClean Transmitter

• 3-A certified design to standard 74-06 sensors and sensor fittings and connections
• Accurate level measurement of the product level to ±1 mm (0.039 in.)
• The SoClean model is not affected by foam as the float passes through foam and directly measures the liquid
• 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

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SoCLEAN®

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