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Pall Corp, Broadley-James to provide single-use sensor technologies in Life Science Market

12 March 2019 | News

The sensor will be integrated into Pall Biotechâ??s single-use (SU) technologies, as well as other commercially available bioprocessing platforms



Pall Corporation, a global leader in filtration, separation and purification, has partnered with Broadley-James Corporation, a renowned sensor technology provider, to integrate and distribute Broadley-James' advanced single-use probe and flow cell pH sensors. With applications across upstream and downstream unit operations, the sensor will be integrated into Pall Biotech's single-use (SU) technologies, as well as other commercially available bioprocessing platforms.

The novel SU pH sensors leverage widely accepted glass electrochemical technology, the only method that meets international standards for pH measurement. The design includes a calibrated buffer storage environment for the sensor to eliminate previous constraints during pre-integration of glass pH sensors into consumables. Users will be able to operate in closed systems, without sacrificing performance.

"Customers currently rely on calibration data gathered before the sensor is sterilized, which can affect the measurement accuracy," said Robert Garrahy, Vice-President at Broadley-James. "Our patent-pending new storage solutions design features a known pH buffer, enabling robust pre-use calibration. By pairing trusted technology with cutting-edge design, we are able to offer the best balance of risk reduction and performance."

The Broadley-James single-use probe and flow cell pH sensors are currently in beta testing and when launched will be available exclusively through Pall Biotech. Parallel technical and process development support is also available to optimize use of this new technology.