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World's Most Innovative Stirbar to be Demonstrated at SLAS2022

Gate Scientific brings wireless smartSENSE® family of temperature, pH, and spin sensing stir bars to the Society for Laboratory Automation and Screening's 2022 conference

Boston, MA – Gate Scientific, Inc of Milpitas, CA will demo their innovative line of smartSENSE® stir bars at the SLAS2022 laboratory automation and screening conference, taking place at Boston Convention & Exhibition Center from February 5th to the 9th. The wireless smartSENSE platform consists of wireless stir bars used for temperature, pH and spin sensing, as well as the state-of-the-art digital programmable chemical lab station for heating, stirring, wireless sensing, remote control, and monitoring.



The RFID enabled smartSENSE stir bars relay data to and wirelessly draw power from the chemical lab station, which will self-adjust heat and rotation to maintain the temperature and spin rate specified by the user. Leveraging the IoT or “internet of things” for enhanced lab capability, the setup may be accessed remotely from a computer or smartphone. By continuously measuring and logging temperature, stir rate, and pH, the system allows for unparalleled quality control with a streamlined process.

The wireless smartSENSE temperature stir bar won the 2018 Gold Excellence Award at Pittcon, a conference on analytical chemistry and applied spectroscopy, and the smartSENSE pH stir bar was honored with the same award in 2019.

“The wireless pHlive™ stir bar providing continuous pH monitoring has received overwhelming market feedback especially as the ideal tool for labs working with buffers, titrations, and formulations,” says CEO, Morten Jensen. “The real-life customer feedback, the industry acknowledgement provided by the

awards, and working with the NSF has definitely influenced and sharpened how we are going to market with existing and new additions to the smartSENSE technology platform.”

SLAS2022 is the latest in a series of conferences held by the Society for Lab Automation and Screening, an international society of academic, industry, and government researchers working on laboratory automation. After an all-digital conference in 2021, SLAS2022 will be a hybrid meeting held from February 5th to the 9th at Boston Convention & Exhibition Center, combining online elements with in-person education, exhibition, and networking.

About Gate Scientific, Inc.: Gate Scientific was founded in Silicon Valley in 2015, by life science and diagnostic industry veterans, Morten J Jensen and Kris Scaboo. Gate Scientific strives to make products that enable great research and improve healthcare decisions.