

PRESS RELEASE

ACHEMA PULSE as the ultimate platform for an expert audience

Hamilton is presenting the new Sensor CO₂NTROL on June 16 at ACHEMA PULSE

(Bonaduz, 01.06.2021) –Hamilton Bonaduz AG will present its newly released dissolved CO₂ Sensor CO₂NTROL to the audience at ACHEMA PULSE.



The product that Hamilton Process Analytics introduced in April represents a new and unique approach to DCO₂ measurement in bioreactors. In contrast to electrochemical DCO₂ sensors, the new solid-state sensor uses an optical measurement principle. The new technology offers better accuracy and stability, even over several production cycles, which facilitates almost maintenance-free operation. The solid-state design also makes the sensor insensitive to ammonia fouling and it can be installed and operated overhead in the bioreactor where required.

With a measurement range of 5-1000 mbar and accuracy of ± 5 mbar at 5–100 mbar and $\pm 5\%$ >100 mbar, the sensor is not only suitable for R&D use, but also for use in GMP environments, as it is compatible with autoclaving, SIP, and CIP.

“We look forward to being able give ACHEMA visitors a deeper understanding into the advantages of the newest member of our product family”, said Giovanni



Campolongo, Market Segment Manager at Hamilton Process Analytics. “We have listened to our customers and developed a sensor that is easy to use. This has allowed us to create a solid-state sensor which gives reproducible results and does not require recalibrating – even after being sterilized.”

Interested parties can register for ACHEMA PULSE at <https://tickets.achema.de/DECHEMA/ACHEMAPulse2021/> and can follow the product presentation on 16 June, 2021.

Characters (incl. spaces): 1,505

About HAMILTON Process Analytics:

Hamilton Process Analytics, a division of Hamilton Bonaduz AG, pioneers open sensing solutions to enhance the understanding and control of critical process parameters, including pH, ORP, CO₂, conductivity, and dissolved oxygen as well as total and viable cell density. First introduced in 1989, Hamilton sensors are found worldwide in applications ranging from biopharma to power generation to brewing. Hamilton continues to lead the industry with new innovations such as intelligent sensor management via Arc wireless technology, and single-use solutions to significantly reduce risk of contamination. Each Hamilton offering is supported by a full portfolio of accessories including armatures, transmitters, cables, buffers, and standards.

Hamilton Bonaduz AG is the European counterpart of Hamilton Company, founded by Clark Hamilton in 1960 and headquartered in Reno, Nevada, USA. With more than 2,500 employees across global manufacturing facilities and subsidiaries, Hamilton is a leader in numerous fields including automated liquid handling robotics, automated sample management, medical ventilation, laboratory products, and process analytics.



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