

PRESS RELEASE

Accurate dosing of corrosion inhibitors

In industrial applications, especially in the chemical, process and oil and gas industry, corrosion can be a real challenge. These types of industries are coping with demanding environmental and process conditions in production and operation. Prevention or control of corrosion by inhibiting often proves to be an economic solution.

A corrosion inhibitor system will add small concentrations of (bio)chemicals into the process. The effectiveness of an inhibitor system greatly depends on the correct injection amount, and can be influenced by the environmental and process conditions; so accuracy is crucial here.

Using a low flow control system containing a Bronkhorst (mini) CORI-FLOW mass flow meter can help you dose amounts of corrosion inhibitors more accurately. High accuracy and high turndown ratio is achieved based on pure mass flow measurement with this flow meter. It can directly control valves and pumps by on-board PID control and can be further optimised with PLC and HMI control extending both performance and flexibility.

Bronkhorst's Coriolis dosing system approach enables real-time monitoring, control and logging of injection rates. This allows online checking of flow rates and instantaneous re-setting of the required flow rate. Asset management and preventive maintenance is supported with several active diagnostics.

For more information contact:

BRONKHORST HIGH-TECH B.V.
Nijverheidsstraat 1a
7261 AK RUURLO
Netherlands

Tel.: +31 573 458800
E-mail: sales@bronkhorst.com

Enclosure: 1 picture

