

A Game Changer in Chemical Injection

The FluidCom™ chemical injection solution provides optimal performance with an innovative and cost saving technology.



Application

The FluidCom™ is a fully automatic chemical injection controller for Scale Inhibitor, Corrosion Inhibitor, Emulsion Breaker, Antifoam and more.

Its unique patented technology is considered a worldwide game changer, enabling significant CAPEX and OPEX savings.

By ensuring reliable and accurate chemical dosage, the end users obtain a controlled and efficient use of production chemicals by optimizing the oil and gas production, improve water quality and secure system integrity.

FluidCom Movie

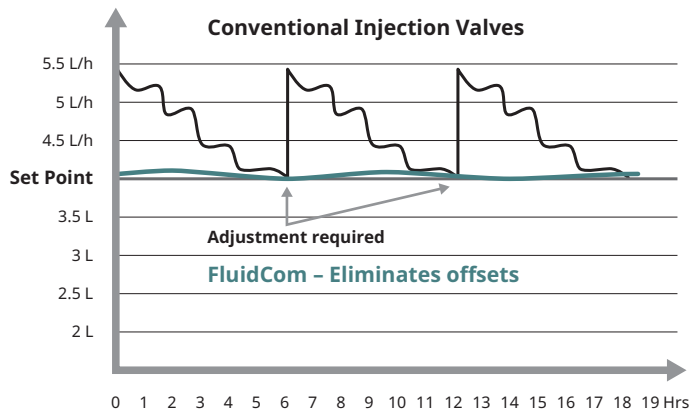
<https://video.yokogawa.com/gl/category/videos/products>



Features

- Includes the functions of:
 - ✓ Flow Control Valve
 - ✓ Actuator
 - ✓ Flowmeter
 - ✓ Controller
- Stable and reliable injection rate – significant reduced OPEX for operations
- Reduced size and weight
- Independent of variations in process parameters
- Self cleaning function – No regular maintenance required, hence improved HSE
- Enables real-time control and monitoring/digitization

Increased Accuracy and Reliability

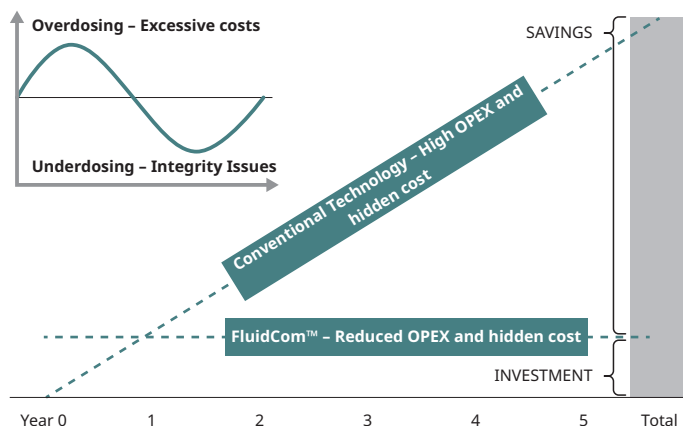


Yokogawa TechInvent AS identified that operators were finding it challenging to deliver stable and reliable injection rates using conventional technology.

This is mainly due to effect of changes in temperature, variations in differential pressure and cleanness of chemical injected.

FluidCom will provide stable injection rate over time independent of changes in temperature, pressure and chemical cleanness. Providing huge OPEX savings and confidence that system integrity are safeguarded.

The FluidCom™ Valve – Invest to Save



Retrofitting existing chemical injection system with a FluidCom will in most cases result in significant OPEX savings.

If you have one of the following problems with your current injection system, contact us for a solution proposal.

- Flow control valves are inaccurate, unreliable or and clogs.
- The injection pump are oversized for required injection rate.
- High maintenance frequency

General Specifications: FluidCom Model-S2:

Flow Range	Standard 0.6 – 30.0 L/hour (Extended flow range available)
Design pressure	5000 psi (345 bar)
Operating temperature ambient	-20°C – +55°C
Material enclosure	AISI 316L SS
Material wetted parts	AISI 316L SS/PEEK/FFKM (other available on request)
Power supply	230 V AC 50/60 Hz
Dimensions and Weight	Ø219 mm x 375 mm, 19 kg
Explosion proof	ATEX and IECEx
Ingress Protection	IP66
Valve failure mode	Closed
Interface pipe connection	1/4" NPT Female (other available on request)
Communication	Local Display with Push Button
	4 to 20 mA DC, two-wire transmission with HART (HART7.1)
	Individual 4 to 20 mA DC for set-point (Option)

All company and product names mentioned in this bulletin are trademarks or registered trademarks of their respective holders.

Yokogawa TechInvent AS

Professor Olav Hanssens vei 7A, 4021 STAVANGER, NORWAY
sales@techinvent.no

<http://www.techinvent.no/>

YOKOGAWA ELECTRIC CORPORATION

World Headquarters

9-32, Nakacho 2-chome, Musashino-shi, Tokyo 180-8750, JAPAN

YOKOGAWA CORPORATION OF AMERICA

YOKOGAWA EUROPE B.V.

YOKOGAWA ENGINEERING ASIA PTE. LTD.

YOKOGAWA CHINA CO., LTD.

YOKOGAWA MIDDLE EAST & AFRICA B.S.C.(c)

<http://www.yokogawa.com/>

<http://www.yokogawa.com/us/>

<http://www.yokogawa.com/eu/>

<http://www.yokogawa.com/sg/>

<http://www.yokogawa.com/cn/>

<http://www.yokogawa.com/bh/>

Represented by:

<http://www.techinvent.no/>

Subject to change without notice.

All Rights Reserved, Copyright © 2018, Yokogawa Electric Corporation.

[Ed:04/b]

Printed in Japan, 908(KP)