



DilutionIQ™

THE CHALLENGE

Customers using concentrated release agents have always looked for a solution to maintain an exact proportion of concentrate and water.

THE SOLUTION

DilutionIQ™ is a fully automatic central system designed to dilute concentrated Chem-Trend release agents with real-time monitoring.

DILUTIONIQ™

An innovative, fully connected dilution system capable of managing and monitoring the release agent dilution process in real-time, including automatic data upload to a cloud-based data management system.

This system uses latest IoT technology.

BENEFITS

- 24 hour monitoring, 7 days a week
- Low maintenance, no moving parts
- Compact, rugged design
- No calibration charts or spec sheets to cross reference — volumetric flows are directly measured
- No sampling required
- Highly accurate monitoring technology
- Remote monitoring and data logging via web app, utilizing wireless communication
- No interface with local IT required as there is a direct web access
- Cloud-based data storage solution hosted in Europe



OVERVIEW

- Release agent concentrate is diluted with water at customer site
- Dilution ratio can be adjusted individually
- Equipment is directly attached to the release agent supply system at the customer's site
- Process data are recorded and tracked in real-time
- Process data are available online
- Advanced configurable cloud-based notification and information system

TECHNICAL SPECIFICATIONS

| | |
|--------------------|------------------------------------|
| Pump delivery rate | 2 pumps each max. 45 lpm |
| Voltage | 220 V - 240 V |
| Dilution range | 25:1 - 1:25* |
| Mix tank volume | appr. 50 l |
| Dimensions | appr. 100 × 120 × 50 (in cm HxWxD) |
| Weight approx. | 80 kg |

* This reflects the standard range; depending on the viscosity higher ranges are possible

If you are interested in the DilutionIQ™ System, contact us:
DE.CHEMTREND.COM

DISPLAY



CAPABILITIES

Process data provided by the DilutionIQ™

- Dilution ratios for every batch
- A running average of the dilution ratio (re-settable)
- Entire water and total concentrate flow

Alarms

- User defined alarm limits
- Complete alarm log maintained on DilutionIQ™ website
- Error notification messages via e-mail and SMS