

## Simply combining flow and batch controlling

### Problem case

This case study concerns a large producer of known alcoholic (mixed) beverages, based in The Netherlands. They were using Contrec 802 flow computers, which they found not an ideal solution to begin with; The Contrec 802 was seen by them as complex to program and difficult to install, requiring the support of technical specialists. In their application the Contrec 802 suffered from moisture damage, despite the IP65 classification. Additionally, the 802 has no CE certification. The Contrec 802 is no longer available, which posed the customer with serious problems in his production process. They needed to realize a filling system, where the flow of the beverage product could be controlled simultaneously with the proportional batches.

Alcoholic beverages



### Fluidwell solution

Fluidwell approached the issue from a different angle: Instead of forcibly combining flow and batch control in one device, it is much simpler and cheaper to separate the two functions and have two F-Series controllers working together as one system unit. Consequently the F130-P batch controller and the F120-P flow rate controller were combined to get the desired accurate values. Their great user friendliness in installation and operation, combined with the robust IP67 classification, fulfills exactly all parameters required.

Contrec with instructions above



### Results

- Maintenance and daily operations are simplified tremendously: The Fluidwell F-Series has an IP65 classification for panel mount which makes special cleaning instructions on location unnecessary, speeding up the process and eliminating risks of high costs and product failures due to water damage.
- Every operator in their department is now able to operate the system, without the risk of messing up any setups. Thanks to the user-friendly menu structure the regular occurring loss of ruined, valuable production batches is eliminated.
- Without having to use external specialists for the installation and programming of the two simple, propitious standard units, lots of savings are achieved.

Contrec with extra cover, not IP65



### Customer review

Altogether, the customer is very happy with this solution and meanwhile has replaced all his flow computer models by Fluidwell products, even with other applications. He's glad to have simple units everyone can understand and which are easy to operate, without an awkward and hard to operate protective foil keyboard. They comment: "We should have separated the two functions long ago, what a great idea!"

### More advantages

The mounting possibilities are divers (walls, pipes, directly onto the (outdoor) sensor, panel mount with only limited depth clearance). With the long life lithium battery option (up to 7 years), it is almost like fit and forget. Intrinsically Safe certifications are available according ATEX, FM, CSA c-us and IECEx. There are over 200,000 different combinations of sensor in- and outputs, power and sensor supply, communication and external inputs available! As a result there is always an F-Series matching your technical requirements.

Fluidwell solution on location



More information on the Fluidwell F-Series:

[General information Fluidwell F-Series](#)

[Technical information and datasheet F120 & F130](#)

[General brochure Fluidwell F-Series](#)