

FCU-Pro Advanced Flow Control Unit

The FCU-Pro is an advanced version of the FCU. It was designed for improved injection control and for handling multiple carrier fluids.

Multiple fluids are handled with a 6 port Distribution Valve, an in-line Degasser keeps bubble trouble at bay, and the Injection Valve with a fixed volume sample loop allows precise sample delivery for reproducible measurements.



Flow-through modular unit for flow operation and sample injection

Integration

- Fully integrated with AWSensors X1 and X4 systems.
- Control and monitoring with AWS Suite software.

Modularity and versatility

- Sleek, space-saving and portable design.
- Basic configuration with 1 fluidic channel.
- Multiple FCU-Pro units can be simultaneously controlled (with X4).
- Fluidics can be combined in different configurations: measurement cells connected in series, or in parallel, or a combination of both (with X4).

Quality

- FPLC industry-standard components.

Robustness and comfort

- In-line degasser for avoiding bubble generation.
- Semi-automatic injection of samples, controlled via software.
- Smooth Flow operation.