

CORI-FLOW™

Precision Mass Flow Meters / Controllers for
Liquids and Gases



CORI-FLOW™ instrument can be used to directly control proportional valves, shut-off valves or pumps by using the integrated PID-controller. In CORI-FLL™ technology highly accurate filling applications are possible by using the integrated batch-counter. The maximum flow speed of the standard instrument is 600 kg/H. This enables filling of 166.66 gram in 1 second or 10 kg/min. For higher or lower flow rates please consult us.

Fields of application

CORI-FLOW™ instruments are applied in process fluid measurement or control systems in food, (petro-) chemical and pharmaceutical industries, in fermentation installations, in semiconductor processing and in fuel cell technology. Some typical examples of applications are described further on in this brochure.

Applications

The CORI-FLOW is suitable for application in industrial environment, laboratories and OEM installation in the following markets (typically):

- ♦ Surface treatment,
- ♦ Energy (fuel cells),
- ♦ Semiconductor industry,
- ♦ Chemical industry,
- ♦ Pharmaceutical industry,
- ♦ Food industry,
- ♦ Optical fiber industry, etc.

General CORI-FLOW™ features

- ♦ Direct mass flow measurement
- ♦ Independent of fluid properties
- ♦ Integrated PID controller for control valve or pump
- ♦ Fast response time
- ♦ High accuracy, excellent repeatability
- ♦ Compact, IP65 housing
- ♦ Optical: ATEX approval Cat.3, Zone 2
- ♦ Option: bidirectional measurement

Digital features

- ♦ DeviceNet™, PROFLBUS-DP®, Modbus-RTU or FLOW-BUS slave
- ♦ RS232 interface
- ♦ Other fieldbus options on request
- ♦ Alarm and (BATCH) counter functions

for further details please contact :

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