



BATCH SYSTEM



Please refer to the easy-to-understand usage example figure on the back.

This system measures a fixed quantity of fluid in facilities which use fluids such as food and chemical product.

We will take care of everything about new construction and renewal of facilities.

Keywords for system constructions are safety and high quality.



From small-scale to large-scale facilities, we offer flexible proposals to meet the needs of our customers in all aspects of design and construction.

Our high accuracy flowmeters contribute to quality improvement for our customers.



A basic constitution is a combination of flowmeters, batch counters and continuous flow valves.



■ FACILITY OUTLINE

Batch control	Batch processing starts by operating button of a batch counter and automatically measure a fixed quantity of fluid. When the batch processing is started, the batch counter opens a continuous flow valve and counts flowrate obtained from a flowmeter. The batch counter closes the continuous flow valve when the flowrate reaches the preset value.
Continuous flow valve	By using two steps open/close valve for a continuous flow valve, secures accuracy of a fixed quantity and prevents plumbing shock when the valve is closed.
Constant flow valve	In the case of a line where the flowrate is not constant, install a constant flow valve or a flow control valve. The constant flow valve keeps the flowrate of the secondary side constant to maintain accuracy of the flowrate and enhance durability.
Alarm detection	If a flowrate pulse is not transmitted due to occurrence of any abnormality in a process or the flowrate exceeds the preset value, a buzzer sounds to stop the process.
Batch ticket printer	The batch ticket printer which receives flowrate pulses, has an integrating totalization function by channel and a time series totalization function and enable to manage the data with a USB flash drive.

We take care of various uses in response to customers' needs!

Fluid mixing process

Addition process

Filling process

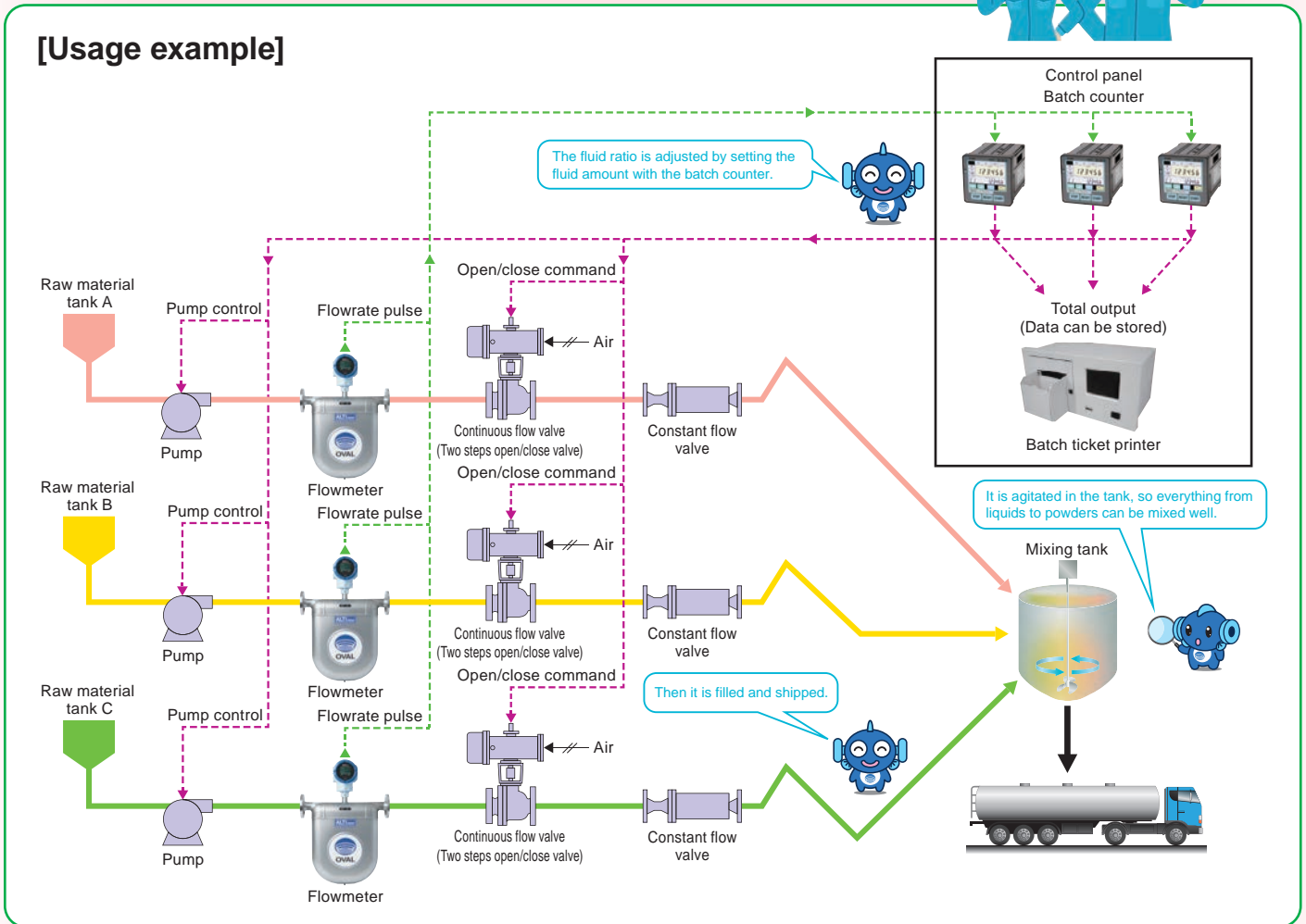
Transfer between tanks

Shipping process

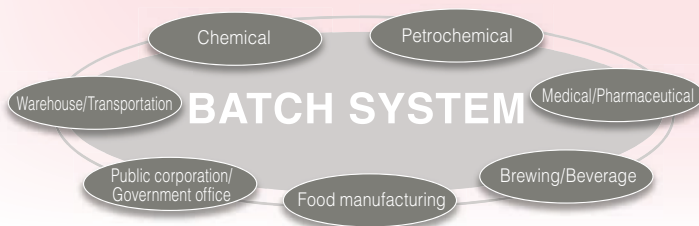
We contribute to streamlining and labor-saving in various situations.



[Usage example]



Delivery records to a wide range of industries



We prepare various proposals in response to your requests!
Please feel free to ask us anything!

The specification as of November, 2021 is stated in this catalog. Specifications and design are subject to change without notice.



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