Creating the Future
SATAKE

Compact Flow Rate Monitor for all Flour Milling Applications

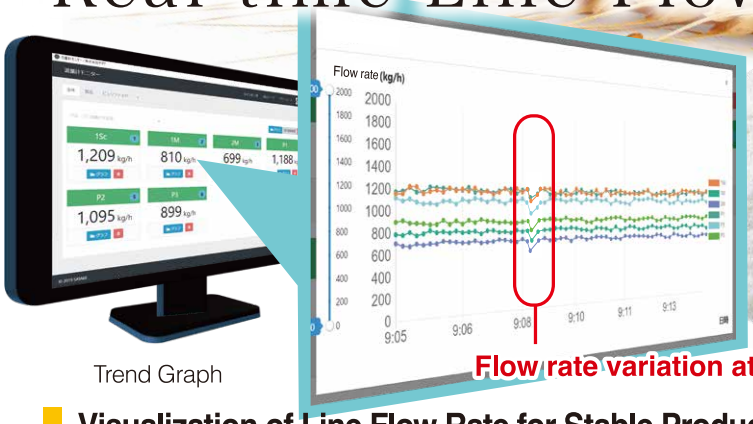
INLINE FLOW METER

HSIFM3B (CE)



SATAKE CORPORATION

Real-time Line Flow Rate!



Trend Graph

Flow rate variation at a glance



Visualization of Line Flow Rate for Stable Product Quality

Measures the product weight for a set period of time to calculate the flowrate.

Real Time Graphical Visualization of flow rate variation

- Stability of flow rate
- Early detection of increasing or decreasing flow
- Early detection of clogging

Visualization of the equalization line

- Early detection of flow rate variability
- Monitoring of equalization status

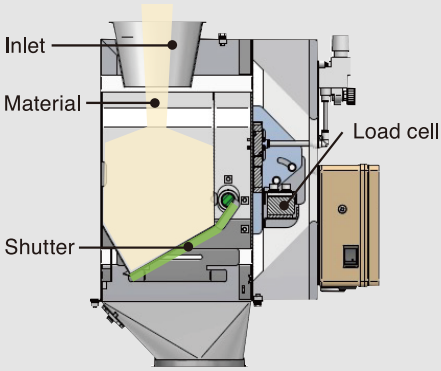
Easy installation

The flow meter is compact and can be simply installed in any gravity pipe.

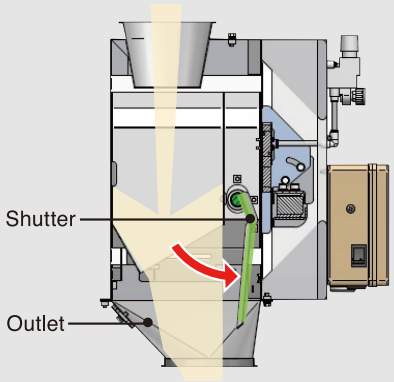
Simple Structure

Simple construction consisting of a weigh hopper, shutter valve and load cell, allowing easy maintenance.

Dedicated software
(stored in the included USB memory)
Display flow trend graph　Data storage



Closing shutter



Opening shutter

Equipment overview

1. The accumulated material weight is measured for the set time, and flow rate is calculated.
2. Measurements are taken at set intervals, and a trend graph is generated and displayed on the monitor.

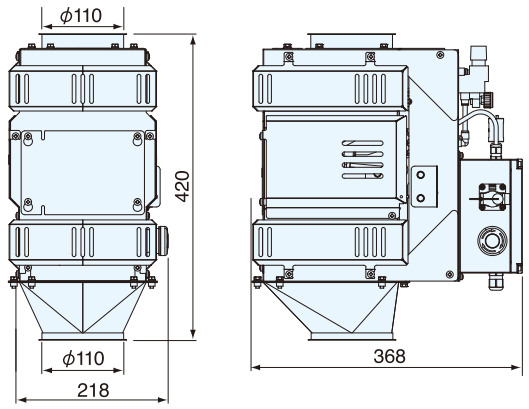
*The set time, number of times and interval can be configured by the operator to suit the product and nominal flow rate.

Specification

Model	HSIFM3B(CE)
Application	Flour and Coarse Wheat
Capacity of measuring tank	3 Litres
Measurement accuracy *1	±3 % of Full scale
Nominal Capacity *2	Semolina : 1.4 t/h　Flour : 1.1 t/h
Required Power	DC24V 30W
Material	Stainless steel contact parts
Gross Weight	8 kg

*1 For products flowing at constant throughput
*2 Depending on product density and angle of the installation
Not compliant with CE requirements.

Dimension (Unit : mm)



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All Satake products are the subject of continuous development and, as a result, their specification may change and differ in detail from those shown.

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ISO 9001 Certification (Quality Management Systems)
ISO 14001 Certification (Environmental Management Systems)

SATAKE CORPORATION has obtained ISO9001 and ISO14001 certification.
These international standards for management systems ensure Satake will continue to provide high quality products and services.

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