

FLOW INSTRUMENTS

Steady Flow Meter

Steady Flow Meter

MODEL : SFM300 / SFM305



SFM300

SFM305

The SFM300 steady flow meter is a flow meter with a built-in (Built-in type) flow straightening function to counter the effects of turbulent flow (turbulent flow) during measurement, designed to prevent measurement error.

The SFM305 is a model that combines a flow straightener (commutator) and a flow element in a single insertion-type (Insertion type) product for large-bore ducts and pipes, providing stable measurement while reducing cost.

Both models have a turndown of 6:1, and the material is selected from Carbon Steel, STS304, STS316, Inconel, Monel and Hastelloy.

Turndown 6:1 SFM300: 4B (100A) and above

SFM305: 20B (500A) and above, insertion type Flange 150# / 300# · Duct

Types · model configuration

Item	SFM300 Built-in type (Built-in)	SFM305 Insertion type (Insertion)
Features	Built-in flow straightening to prevent measurement error due to turbulence	For large-bore ducts and pipes · insertion type integrating straightener + flow element · cost saving and stable measurement
Turndown	6:1	6:1
Materials	Carbon Steel, STS304, STS316, Inconel, Monel, Hastelloy	Carbon Steel, STS304, STS316, Inconel, Monel, Hastelloy
Connection	Flange 150#, 300#, Ducts	Insertion Flange 150#, 300#, Ducts
Applicable piping	More 4B (more 100A) Pipe & Duct	More 20B (more 500A) Pipe & Duct
Accuracy	±2.0% (±0.5% when calibrated)	±2.0% (±0.5% when calibrated)

Technical Specifications

Item	Value
Turndown	6:1
Materials	Carbon Steel, STS304, STS316, Inconel, Monel, Hastelloy
Connection (Mounting)	SFM300: Flange 150#, 300#, Ducts / SFM305: Insertion Flange 150#, 300#, Ducts
Applicable piping	SFM300: 4B (100A) and above Pipe & Duct / SFM305: 20B (500A) and above Pipe & Duct
Accuracy	±2.0%