

## FPD580 Stack Gas Flow Metering System StackFlowMaster Vortex Gas Flow Meter

Our Product Introduction

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### Basic Information

- Brand Name: ABB
- Model Number: FPD580



### Product Specification

- Accuracy: High
- Communication Protocol: HART, PROFIBUS, FOUNDATION Fieldbus
- Fluid: Gas, Liquid
- Installation Type: In-line, Insertion
- Material: Stainless Steel, Alloy Steel, Titanium
- Measuring Principle: Differential Pressure
- Output Signal: 4-20mA
- Pressure Range: 0-100Bar
- Process Connection: Flange, Thread, Sanitary
- Product Name: ABB Flow Measurement Products
- Product Type: Flow Measurement
- Range: Wide
- Temperature Range: 0-150
- Warranty: 1 Years
- Highlight: 20ma vortex gas flow meter,



### More Images



### Product Description

#### Stack gas flow metering system StackFlowMaster FPD580

The FPD580 range of stack gas flow metering solutions will, when combined with an appropriate ABB gas analyzer, form a complete CEMS package for the measurement of mass flowrate of pollutants into the environment.

#### Overview

StackFlowMaster is a dedicated stack gas flow measuring system based on the Torbar multi port self-averaging pitot flow meter. In most

Our Product

cases the probe is designed to measure across the complete diameter of the stack, but a partial-insertion option (spanning less than half the stack diameter) is available.

#### Data

MCERTS approved

- meets the requirements of EN 14181 & EN 15267-3

Manual and automatic versions

- simple system for basic applications
- optional meter purging (for solids contamination)
- manual/automatic zero and span

Suitable for wide range of stack sizes and temperatures

- for stacks from 1 to 8 metres (3.3 to 26.25 ft.) diameter
- gas temperatures up to 1200 °C (2192 °F)

Optional end supports for larger stacks

- flanged fitting on both sides of the stack
- improves mechanical stability; prevents probe resonance
- optional bayonet lock reduces risk of distortion of the probe

Optional partial-insertion design for larger stacks

- lower cost / weight option for easier handling
- usually requires pre-investigation of stack flow velocity profile



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