

Sokken

MODEL VAV-EGF6

EXHAUST GAS FLOW METER

Low pressure loss !

$\Delta P < 0.5\text{kPa}$



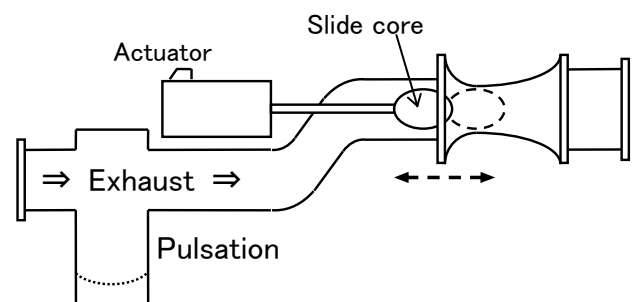
Compact !

65% of conventional model in setting area

INTRODUCTION

VAV-EGF6 measures engine exhaust flow rate.

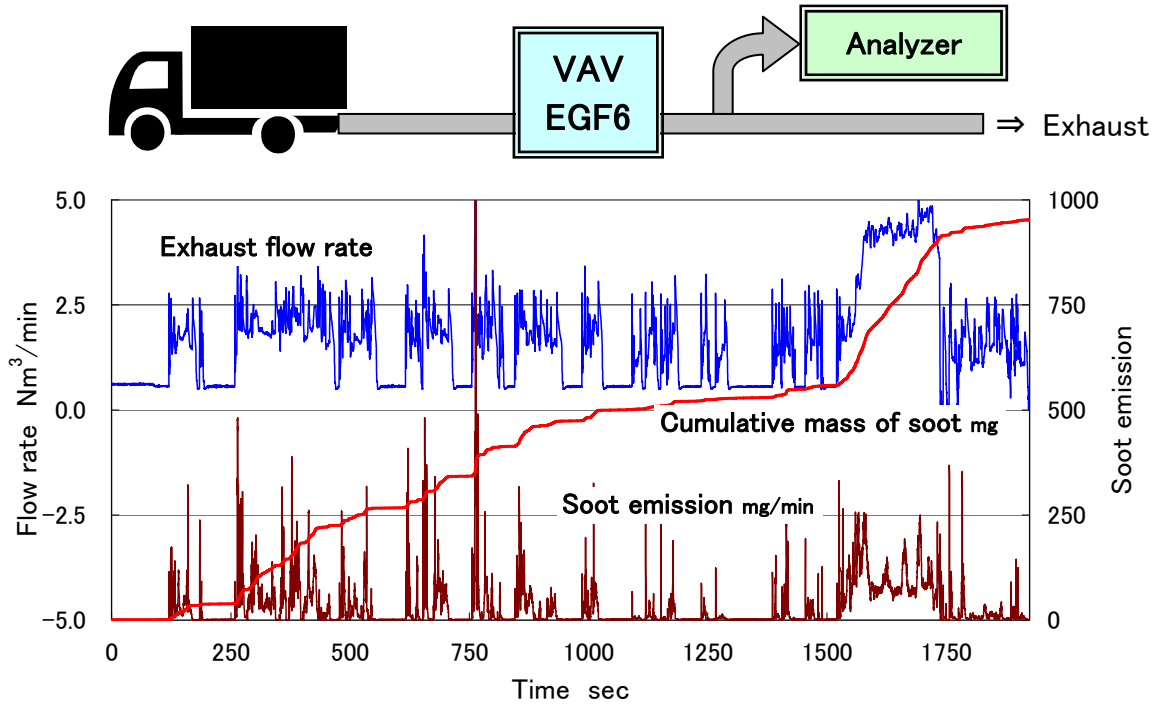
The measurement principle is venturi, and variable cross-section area venturi makes low pressure loss and wide flow range.



FEATURES

- Pulsation reduction system makes stable measurement.
- Low pressure loss, $< 0.5\text{kPa}$ ▪ Exhaust temp. range, $\sim 400^{\circ}\text{C}$
- Correction function of exhaust gas density by A/F input.

MODAL MASS MEASUREMENT SAMPLE



Test mode : JE05(JPN transient mode) Engine : 4L, DI diesel with Turbo
 Analyzer : Soot mass concentration meter LEX-04B

SPECIFICATIONS

Principle	Variable cross-section area venturi method (Patent)
Rating flow (at 1atm, 20°C)	1.0~5.5Nm ³ /min (custom order) Maximum flow rate: 150% of rating flow Minimum flow rate: 1/30 of rating flow
Exhaust temp. range	~400°C
Accuracy	3%FS
Pressure loss	<0.5kPa
Response time	200ms
Operation & Display	LCD touch screen or PC
Dimensions	620mm(W), 1217mm(H), 600mm(D), 120kg
Connection	Input: 50A5K flange, Output: 100A5K flange
Supply	AC100V/9A, Air: 0.2MPa(air purge)

Specifications are subject to change to improve performances.

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