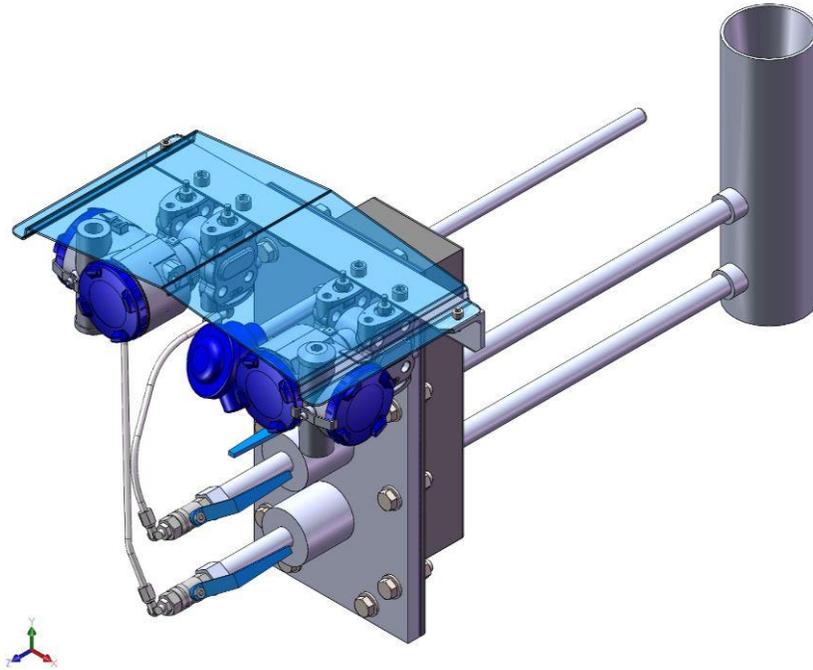


QAL1 TÜV CERTIFIED (certification under process)
Microventuri Flue gas Flowmeter



Fuji Electric France designed, manufactures and sells flue gas monitor for Continuous Emission Monitoring Systems (CEMS) applications.

MARKETS

Environmental Monitoring :

- Combustion plants
- Incineration
- Distric Heating
- CEMS in all type of industry

CUSTOMERS

- More than 100 units sold in France
- Dalkia (EDF), Veolia, Cofely (ENGIE Group), TIRU (EDF),
- Available since 2015 for exportation

ADVANTAGES

ALL-IN-ONE SYSTEM

- One single flange on the stack
- Normalized flow :
 - Differential pressure
 - Absolute pressure
 - Temperature

FUJI ELECTRIC COMPONENTS

- FKC pressure sensors
- FE Design
- Options with FE PLC

ADAPTABILITY

- Small and large diameter stacks
- Only one flange on only on side of the stack
- Perfect for very dusty applications :
 - No possible clugging
 - Biomass, fuel or coal fired boilers

CERTIFICATION AND COMPETITION

- TÜV QAL1 Certification in progress
- Highly competitive solution

TECHNICAL SPECIFICATIONS

Main Technical data	
Measuring principle	Differential pressure, Pt100
Measuring ranges	Flow : 0 .. 1.000.000 m ³ /h Temperature : 0 .. 300°C Differential pressure : 0 .. 10 mbar Absolute pressure : 800 .. 1200 mbar
Flue gas temperature	Maximum : 300°C
Ambient temperature	Range : -20 .. +50°C
Flue gas velocity	Minimum : 3 m/s
Output signals	Analog : 3 x 4-20 mA
Options	Fuji Electric Touch Screen interface Normalized flow calculation Alarm outputs Modbus communication Automatic QAL3 function
Power Supply	110 VAC, 230VAC, 24 VDC
Certifications	QAL1 (EN14956, EN14181, EN15267) in progress

