



FLUENTA

Introducing the Fluenta Flow Calibration Facility

Accurate calibration for flow meters on site of manufacture

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Fluenta is offering customers the capability to accurately calibrate flow meters at Fluenta's factory before shipment to the final destination.

Using Fluenta's Flow Calibration Facility, flow meters can be calibrated to achieve uncertainties of below 1%. Fluenta's factory calibration is particularly relevant for customers who require above standard accuracy without having to invest in often costly and time-consuming third party certification.

Fluenta's gas flow meters use ultrasonic technology to deliver the most accurate measurement of flow against the most demanding conditions. The ability to calibrate meters in the factory ensures a faster and more effective set up on site, and the highest levels of accuracy.

Specific technical details of Fluenta's Flow Calibration Facility are as follows:

- Flow medium: air
- Flow velocity: 0.5 to 25 m/s
- Actual volume flow: 150 to 6500 m³/h
- Mass flow: 150 to 8000 kg/h
- Pipe Size: 12 inch
- Data acquisition: Modbus
- Data collected: temperature, pressure, flow velocity, actual volume flow, mass flow, density, sound velocity
- Reference meter uncertainty: 0.28%
- Reference meter type: 4 path ultrasonic
- Uncertainty after calibration: <1%

Customers will receive a calibration certificate and can witness the calibration if required. To ensure performance, the transducers must be installed by a certified service engineer.

