

## INDUSTRIES & APPLICATIONS WHERE FOX FLOWMETERS CAN BE USED

### Industrial Processing Plants - Pulp & Paper, Steel, Chemical and Petrochemical Plants

- Compressed air monitoring
- Natural gas to boilers
- Combustion air flow to boilers
- Hydrogen monitoring
- Gas additives/gas mixing
- Leak testing
- Secondary air inlet control and kilns
- Air and nitrogen purge monitoring
- Digester gas/Bio gas
- Gas flow to test separators
- Oxygen monitoring and water purification
- Dryer air flow
- Flare stack gas monitoring
- Fluid bed dryer air flow
- Nitrogen blanketing
- Nitrogen seal leak detection
- Propane line monitoring
- Accumulator tank air flow

### Steel/Aluminum Fabrication

- Argon and nitrogen flow rates
- Coke/oven gas
- Air flow rates
- Aluminum smelter chlorine and argon flow
- Turbo air flow
- Natural gas of annealing operations
- Natural gas to smelting & casting ops.
- Nitrogen flow to annealing process
- Compressed air

### Power Plants

- Combustion air flow
- Primary and secondary air flow
- Natural gas to power generators/gensets
- Heated air to coal mill
- Condenser air leakage
- Contaminant unit vent air flow

### Water and Waste Water

- Aeration air flow
- Ozone measurement
- Digester gas

### Specialty Gas Producers

- Nitrogen, argon, CO<sub>2</sub> & hydrogen usage
- Custody transfer/pay meter

### Food Processing/Pharmaceutical Industry

- Tablet & pill coating air & nitrogen flow
- Exhaust gas
- CO<sub>2</sub> in beer manufacturing
- Nitrogen in mayonnaise manufacturing
- Ventilation systems
- Compressor air flow
- Hydrogen in hydrogenated oil production
- CO<sub>2</sub> fermentor off gas

### Automotive Industry

- Compressed air monitoring
- Natural gas consumption
- Powder plant air flow
- Paint booth/paint oven ventilation
- Engine test stand air flow measurement
- Fuel cell hydrogen flow

### Mining

- Compressed air to mine shafts
- Ventilation air monitoring
- Air injection into flocculation vessels

### HVAC

- Air balancing
- Duct flow
- Energy conservation
- Clean room
- Laminar flow benches

### Glass/Ceramics Manufacturing

- Oxygen and natural gas to burners
- Natural gas to furnaces and kilns

### Refining

- Flare stack gas monitoring
- Fuel gas monitoring
- Air intake flow

### Natural Gas Transmission

- Natural gas to compressor stations
- Natural gas to gas fired compressors

### Plastics Industry

- Air and nitrogen flow monitoring

### Environmental

- Land-fill gas/dump gas flow

Common Gases: Air, ammonia, biogas, butane, chlorine, compressed air, carbon monoxide, carbon dioxide, digester gas, dump gas, ethane, ethylene, helium, hydrogen, methane, mixed gases, natural gas, nitrogen, oxygen, and propane.

Contact Fox for other gases.