



INDUSTRIES & APPLICATIONS WHERE THERMAL FLOW METERS CAN BE USED

Automotive Industry

- Compressed Air Monitoring
- Natural Gas Consumption
- Powder Plant Air Flow
- Paint Booth / Paint Oven Ventilation
- Engine Test Stand Air Flow Measurement

Environmental

- Natural Gas Measurement for Emissions Calculations
- Flare Gas Monitoring
- Gas flows from Scrubber
- Gas flow to RTO's
- Vent (Flash) Gas Monitoring
- Biogas & Digester Gas Monitoring
- Wastewater Digester Gas Monitoring
- Coal Mine Methane Recovery
- Coal Bed Methane
- Landfill Gas

Food Processing / Pharmaceutical Industry

- Tablet & Pill Coating Air & Nitrogen Flow
- Exhaust Gas
- CO₂ in Beverage Manufacturing
- Fermenter Flow to Distillation Process
- Nitrogen in Ice Cream Manufacturing
- Ventilation Systems
- Compressor Air Flow
- Hydrogen in Hydrogenated Oil Production
- Gas Flow/Control to Bioreactors
- CO₂ Fermenter Off-gas

Glass / Ceramics Manufacturing

- Oxygen and Natural Gas to Burners
- Natural Gas to Furnaces and Kilns
- Argon Flow in Glass Manufacturing

Fuel Cells

- Hydrogen

HVAC

- Air Balancing
- Duct Flow
- Energy Conservation
- Clean Room
- Laminar Flow Benches

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

- Compressed Air Monitoring
- Natural Gas to Boilers
- Hydrogen Monitoring
- Gas Additives / Gas Mixing
- Leak Testing
- Secondary Air Inlet Control and Kilns
- Air and Nitrogen Purge Monitoring
- Digester Gas / Biogas
- 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
- Air Flow to Klinker
- Argon Flow to Welding Machines
- Air Flow from Regenerative Blower
- Blast/Exhauster Air Flow in Foundry Process
- Nitrogen Flow to N₂ Analyzers
- Air Flow in QC Labs
- Gas flow from Bulk Tanks
- Accumulator Tank Air Flow

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Mining

- Compressed Air to Mine Shafts
- Ventilation Air Monitoring
- Methane Recovery
- Air Injection into Flocculation Vessels

Natural Gas Transmission

- Natural Gas to Compressor Stations
- Natural Gas to Gas-fired Compressors
- Odorant Gas Metering
- Fuel Gas to Gas Heaters
- Dry Gas Seals
- Blowdown to Adjacent Compressors
- Compressor Leakage / Vent Gas

Oil & Gas Production

- Flare Gas Monitoring
- Vent (Flash) Gas Monitoring
- Gas flow to/from Storage Fields
- Well Head Monitoring

Power Plants

- Combustion Air Flow
- Primary and Secondary Air Flow
- Natural Gas to Power Generators
- Hydrogen Flow to Generator Sets
- Biogas Feed to Generator Sets
- Natural Gas Flow to Gas Trains
- Heated Air to Coal Mill
- Condenser Air Leakage
- Oxygen Flow to Boiler Feedwater
- Contaminant Unit Vent Air Flow

Plastics Industry

- Air and Nitrogen Flow Monitoring

Refining

- Flare Stack Gas Monitoring
- Fuel Gas Monitoring
- Air Intake Flow
- Compressed Air
- Helium Flow to Chromatographs

Specialty Gas Producers

- Nitrogen, Argon, CO₂ & Hydrogen usage
- Medical Gases in Medical Facilities
- Custody Transfer / Pay Meter

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 Operations
- Nitrogen Flow in Annealing Process
- Compressed Air

Water and Waste Water

- Aeration Air Flow to Basins
- Ozone Gas Flow Monitoring
- Argon flow for Water Treatment
- Digester Gas to Boilers



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