

# Fox Thermal Instruments, Inc.

505 Mayock Road, Suite A4, Gilroy, CA 95020

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## INDUSTRIES & APPLICATIONS WHERE FOX FLOWMETERS ARE USED

<p><b><u>Industrial Processing Plants - Pulp &amp; Paper, Steel, Chemical and Petrochemical Plants</u></b></p> <ul style="list-style-type: none"> <li>• Compressed air monitoring</li> <li>• Natural gas to boilers</li> <li>• Combustion air flow to boilers</li> <li>• Hydrogen monitoring</li> <li>• Gas additives/gas mixing</li> <li>• Leak testing</li> <li>• Secondary air inlet control and kilns</li> <li>• Air and nitrogen purge monitoring</li> <li>• Digester gas</li> <li>• Gas flow to test separators</li> <li>• Oxygen monitoring and water purification</li> <li>• Dryer air flow</li> <li>• Flare stack gas monitoring</li> <li>• Fluid bed dryer air flow</li> <li>• Flare stack gas</li> <li>• Nitrogen seal leak detection</li> <li>• Propane line monitoring</li> <li>• Accumulator tank air flow</li> </ul>	<p><b><u>Food Processing/Pharmaceutical Industry</u></b></p> <ul style="list-style-type: none"> <li>• Tablet &amp; pill coating air &amp; nitrogen flow</li> <li>• Exhaust gas</li> <li>• CO2 in beer manufacturing</li> <li>• Nitrogen in mayonnaise manufacturing</li> <li>• Ventilation systems</li> <li>• Compressor air flow</li> <li>• Hydrogen in hydrogenated oil production</li> <li>• CO2 fermentor off gas</li> </ul> <hr/> <p style="text-align: center;"><b><u>Automotive Industry</u></b></p> <ul style="list-style-type: none"> <li>• Compressed air monitoring</li> <li>• Natural gas consumption</li> <li>• Powder plant air flow</li> <li>• Paint booth/paint oven ventilation</li> <li>• Engine test stand air flow measurement</li> <li>• Fuel cell hydrogen flow</li> </ul>
<p style="text-align: center;"><b><u>Steel/Aluminum Fabrication</u></b></p> <ul style="list-style-type: none"> <li>• Argon and nitrogen flow rates</li> <li>• Coke/oven gas</li> <li>• Air flow rates</li> <li>• Aluminum smelter chlorine and argon flow</li> <li>• Turbo air flow</li> <li>• Natural gas of annealing operations</li> <li>• Natural gas to smelting &amp; casting ops.</li> <li>• Nitrogen flow to annealing process</li> <li>• Compressed air</li> </ul>	<p style="text-align: center;"><b><u>Power Plants</u></b></p> <ul style="list-style-type: none"> <li>• Combustion air flow</li> <li>• Primary and secondary air flow</li> <li>• Natural gas to power generators/gensets</li> <li>• Heated air to coal mill</li> <li>• Condenser air leakage</li> <li>• Contaminant unit vent air flow</li> </ul>
<p style="text-align: center;"><b><u>Water and Waste Water</u></b></p> <ul style="list-style-type: none"> <li>• Aeration air flow</li> <li>• Ozone measurement</li> <li>• Digester gas</li> </ul>	<p style="text-align: center;"><b><u>Mining</u></b></p> <ul style="list-style-type: none"> <li>• Compressed air to mine shafts</li> <li>• Ventilation air monitoring</li> <li>• Air injection into flocculation vessels</li> </ul>

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## Industries & Applications – Page 2

<p style="text-align: center;"><b><u>HVAC</u></b></p> <ul style="list-style-type: none"><li>• Air balancing</li><li>• Duct flow</li><li>• Energy conservation</li><li>• Clean room</li><li>• Laminar flow benches</li></ul>	<p style="text-align: center;"><b><u>Refining</u></b></p> <ul style="list-style-type: none"><li>• Flare stack gas monitoring</li><li>• Fuel gas monitoring</li><li>• Air intake flow</li></ul>
<p style="text-align: center;"><b><u>Glass/Ceramics Manufacturing</u></b></p> <ul style="list-style-type: none"><li>• Oxygen and natural gas to burners</li><li>• Natural gas to furnaces and kilns</li></ul>	<p style="text-align: center;"><b><u>Natural Gas Transmission</u></b></p> <ul style="list-style-type: none"><li>• Natural gas to compressor stations</li><li>• Natural gas to gas fired compressors</li></ul>
<p style="text-align: center;"><b><u>Specialty Gas Producers</u></b></p> <ul style="list-style-type: none"><li>• Nitrogen, argon, CO2 &amp; hydrogen usage</li><li>• Custody transfer/pay meter</li></ul>	<p style="text-align: center;"><b><u>Plastics Industry</u></b></p> <ul style="list-style-type: none"><li>• Air and nitrogen flow monitoring</li></ul>
<p style="text-align: center;"><b><u>Environmental</u></b></p> <ul style="list-style-type: none"><li>• Land gas/dump gas flow</li></ul>	<p style="text-align: center;"><b><u>Medical</u></b></p> <ul style="list-style-type: none"><li>• Oxygen usage</li></ul>

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.