

CUSTOM ENGINEERING

Infrared Questionnaire

Thank you for your inquiry on our Infrared Family of products. To help us insure that this line will meet your requirements, please answer the questions below and fax to: 203-359-7890, ATT: Quotation Dept.

Name: _____ Title: _____

Company: _____ Email: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ Ext: _____ Fax: _____

1. Please give a brief description of your process and include a sketch:

2. How is Product Heated: _____
(For example: Induction heating)

3. Desired Temperature Range From: _____ **To:** _____

4. Actual Operating Temperature: _____

5. Desired Size of Spot to be Measured: _____

6. Size of Target/Object to be Measured: _____

7. What is the Material Being Monitored: _____
(For example: Oxidized Copper Bars)

8. Separation Between Target and Sensor Min.: _____ **Max.:** _____

9. Sensor Cable Length (If Applicable) Minimum: _____ **Maximum:** _____

10. Ambient Temperature at Sensor Cable: _____

11. Desired Response Time: _____

12. Is Product Moving? () No () Yes Continuously at _____ Ft/Min
() Yes Intermittently _____ In Field of View for _____ (time)

13. Interference Between Sensor and Product: _____
(For example: Occasional smoke)



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• Temperature

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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters