

## APPLICATION ANALYSIS FORM

### For Non-Contact Temperature Measurement

Customer: \_\_\_\_\_ Date: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

Company: \_\_\_\_\_ **Analysis Completed by:** \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

- Customer  Rep  
 New Application  
 Customer Using Infrared  
 Brand and model# \_\_\_\_\_

#### TYPE OF USE:

- Portable  Process  
 Display:  Analog  Digital  None  
 Output: \_\_\_\_\_ mA \_\_\_\_\_ mV \_\_\_\_\_ Volts \_\_\_\_\_ T/C Specify Type \_\_\_\_\_  
 Control Capability:  On/Off  Ramp/ Soak  (PID) 4-20mA output  
 Recording Capability:  Others \_\_\_\_\_

#### TARGET INFORMATION:

- A. Process Description: (A sketch of your application illustrating setup configuration is beneficial)  
 \_\_\_\_\_  
 \_\_\_\_\_
- B. Nature of target surface :(Material name, size, shape, color and surface condition) as seen by sensor  
 \_\_\_\_\_  
 \_\_\_\_\_
- C. Sample enclosed  Sample sent under separate cover  No Sample
- D. Working temperature range from \_\_\_\_\_ ° to \_\_\_\_\_ ° Critical temp. \_\_\_\_\_ °
- E. Desired Target Size:  Inches  mm \_\_\_\_\_ at \_\_\_\_\_ Distance
- F. Distance between Sensor and target \_\_\_\_\_ Min. \_\_\_\_\_ Max.
- G. Is target under direct infrared energy source:  Yes  No.  
 If yes describe method of Heating: \_\_\_\_\_
- H. Target is:  Stationary  Moving at \_\_\_\_\_ per minute
- I. Target is:  In a vacuum  Behind a \_\_\_\_\_ window
- J. Preferred Method of Aiming:  Thru-Lens Sighting  Laser  Video Output
- K. Desired Sensor Type:  Non-Fiber Optics  Fiber Optics; \_\_\_\_\_ Ft. of Fiber Optic Cable

#### ENVIRONMENTAL CONDITIONS:

- A. Ambient Temperature at Sensor's installation location: \_\_\_\_\_ ° Min. \_\_\_\_\_ ° Max.
- B. Atmospheric Contaminants:  Dust  Smoke  Steam  Other: \_\_\_\_\_  
 Periodic  Continuous
- C. Distance between sensor and electronics: \_\_\_\_\_ min. \_\_\_\_\_ max.
- D. Is Strong RFI, EMI radiant present?  Yes  No