

# Questionnaire for temperature measurement in incineration plants

For a customized quotation please fill out this form.  
Your information will help us recommend the best solution for your application.

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## Client Address

Company \_\_\_\_\_ Department \_\_\_\_\_ Web \_\_\_\_\_

P.O. Box \_\_\_\_\_ Street \_\_\_\_\_

City Code \_\_\_\_\_ City \_\_\_\_\_ Country \_\_\_\_\_

Contact person \_\_\_\_\_ Tel. \_\_\_\_\_ E-mail \_\_\_\_\_

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## Plant

Coal-fired power station     Waste incineration plant     Biomass power plant     Other \_\_\_\_\_

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## Firing material

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### Measuring point (Please attach a sketch)

Combustion chamber     Second pass     Firebed     Heat exchanger     Other \_\_\_\_\_

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### Measurement object

Combustion gas     Wall     Firing material     Flame

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### Combustion chamber / Assembly

Power \_\_\_\_\_    Number of lines \_\_\_\_\_

#### Dimensions:

Combustion chamber (BxTxH) \_\_\_\_\_ m    Wall thickness \_\_\_\_\_ mm    Furnace opening Ø \_\_\_\_\_ mm

Mounting flange Ø \_\_\_\_\_ mm    Bolt circle Ø \_\_\_\_\_ mm    Boreholes Ø \_\_\_\_\_ mm, Quantity \_\_\_\_\_

Is there a sighting window?     Yes     No

Material of the sighting window     Quartz     Sapphire     Borosilicate  
 other \_\_\_\_\_

Are heat exchangers in the opposite wall?     Yes     No

What is the pressure in the furnace? \_\_\_\_\_ mbar    What is the CO<sub>2</sub> concentration? \_\_\_\_\_

Ambient temperature at installation site \_\_\_\_\_ °C

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### Information on the process

Temperature range    from \_\_\_\_\_ to \_\_\_\_\_ °C

How is the temperature measured so far?     not at all     Thermocouple     Pyrometer  
 other \_\_\_\_\_

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## Specification of the device

Type of pyrometer

portable

stationary

Sighting device

Through-the-lens

Video camera

Laser pilot light

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## Signal processing

Output signal / Digital interface

0/4-20 mA

RS 485

USB

IO-Link

other \_\_\_\_\_

Should the measured values be recorded?

Yes

No

Is central data collection available?

Yes

No

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## Additional details or description



**Pyrometer LLC –**  
**Pyrometer Instrument Company**  
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