



# Questionnaire flame scanner

Order number LAMTEC: \_\_\_\_\_ Date \_\_\_\_\_

Contact LAMTEC: \_\_\_\_\_  \_\_\_\_\_

Customer order number: \_\_\_\_\_ Customer number: \_\_\_\_\_

Contact Customer: \_\_\_\_\_  \_\_\_\_\_

Company : \_\_\_\_\_  \_\_\_\_\_

Plant: \_\_\_\_\_

LAMTEC order number: \_\_\_\_\_ Date of delivery: \_\_\_\_\_

## Plant

Power of the plant: \_\_\_\_\_

Burner arrangement:  front  cover  other (channel burner)  
 floor  corner  see drawing

Ambient temperature: \_\_\_\_\_ °C

Fresh air operation:  cold  warm \_\_\_\_\_ °C

GT operation:  no  yes \_\_\_\_\_ °C

Remarks:

## Burner

Power single burner: \_\_\_\_\_ Number of burner: \_\_\_\_\_

Burner position /  
Burner arrangement:  opposite to  next to each other  above each other  tangential

Background fire:  coal  waste  wood/biomass

Flue gas recirculation:  no  internally  external, approx. \_\_\_\_\_ %

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Pilot burner:  separate monitoring  integrated into the main flame monitoring

Fuel: \_\_\_\_\_

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## Fuels

### Operating conditions

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
<input type="checkbox"/> Natural gas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Liquified natural gas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Heavy fuel oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Light fuel oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Wood/biomass	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Coal dust	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Remarks:

## Flame monitoring system

Per burner/element:  1 system  2 systems

Design:  compact version  
 flame sensor and flame monitoring device separately

Mounting flame monitoring device:  inside burner control box on site  
 inside burner control cabinet  
 wall mounting housing

### Electrical connection

Power supply:  24 VDC  230 VAC  115 VAC

Mains frequency:  50 Hz  60 Hz

Intensity indicator:  0 ... 20 mA  4 ... 20 mA

Flame sensor:  with plug  
 without plug  3 m  \_\_\_\_\_ m  
 Cable path from switch device to flame sensor approx. \_\_\_\_\_ m

Indoor plant:

Outdoor plant:  Protection class IP \_\_\_\_\_

Explosion protection required: Flame sensor  no  Zone 1  Zone 2  
 Flame monitoring device  no  Zone 1  Zone 2

Remarks: