



LFE TOC-820 Online TOC/TNb Analyzer System Application Information Form

Please provide as much of the following information as possible or pertinent to support analyzer configuration and quotation.

Contact details

Company:	<input type="checkbox"/> End customer
Name:	<input type="checkbox"/> Reseller
Dept.:	<input type="checkbox"/> System builder
Address:	<input type="checkbox"/> Research institute
Country:	<input type="checkbox"/> Other:
E-mail:	
Website:	Phone:

General Information

Plant / Site: _____

Process / Application: _____

Is this a: New installation? Replacement of existing analyzer?

Type of water

- | | |
|--|---|
| <input type="checkbox"/> Process water | <input type="checkbox"/> Black water / sewage |
| <input type="checkbox"/> Wastewater | <input type="checkbox"/> MEP water |
| <input type="checkbox"/> Cooling water | <input type="checkbox"/> Condensate |
| <input type="checkbox"/> Other: _____ | |

Main components (if known)

Expected Concentrations / Desired Measurement Range(s)

TOC	Desired measurement range(s):
Normal value: _____ mg C/l	Range 1: _____ mg C/l
Maximum value: _____ mg C/l	Range 2 (optional): _____ mg C/l

TNb (optional)	Desired measurement range(s):
Normal value: _____ mg TNb/l	Range 1: _____ mg TNb /l
Maximum value: _____ mg TNb /l	Range 2 (optional): _____ mg TNb /l

Sample Properties

Temperature: _____ °C

pH range: _____

Suspended solids:

- none
 low
 medium
 high

Presence of:

- oils / fats
 solvents
 sodium salts / high salinity

Does the sample contain high concentrations of dissolved salts (>1 g/l), especially sodium salts (NaCl, Na₂SO₄, Na-acetate, etc.)?

no yes - estimated concentration: _____ g/l

Volatile organic compounds (VOC)

Does the sample contain volatile organic compounds (e.g. alcohols, ketones, aromatics, solvents)?

no yes - If yes: please specify: _____

Does the sample contain particles, fibers, or biological material?

Are particles, fibers, sludge, or biological solids present?

no yes - estimated particle size: _____ µm

Sampling

Is the sample representative and continuously flowing at the analyzer location?

no yes

Installation location

NOTE: The TOC-820 process analyzer is designed for indoor installation in non-hazardous areas only.

Ambient Temperature: _____ C

Utilities

Power supply

230VAC 50/60Hz 115VAC 50/60Hz

Instrument air available:

no yes

Dilution water available (in case necessary):

no yes

Comments