
TDLS8000 Tunable Diode Laser Spectrometer Inquiry Form

Thank you for your inquiry about our TDLS8000 Tunable Diode Laser Spectrometer. Please help us to choose the best possible solution for your application by filling in the information below to the best of your abilities. If you need any assistance please call 1-800-524-7378 or e-mail us at support@us.yokogawa.com.

1. General Information

Company:
Site/Plant Name:
Address:
Contact Person:
Email:
Telephone:
Fax:
Requested Delivery Date (MM/DD/YYYY):
Brief Description of Application:
Purpose of Measurement (Control, Safety, Monitoring, etc.):
Quote Type (Budgetary or Firm):

2. Physical Installation Details:

Installation Type:

- Cross Stack/Pipe: For measurement across the process.

Path Length:
Process Connection:
Nozzle Length:

- Bypass Leg: Measurement across bypass leg located at process measurement point.

Path Length:
Process Connection:

- Extractive: Sample is extracted and transported (by others) to analyzer.

- Sampling System Required
 Sample Probe Required
 Tubing Required

Length of Tubing Run:

Ambient Temperature:

Min:
Max:

3. Stream Composition (Please Use One Sheet Per Application):

Process Wetted Materials:

Must Use:
Must Not Use:

Material Test Reports Required on Wetted Metals: Yes No

Positive Material Identification Needed on Wetted Metals: Yes No

Component Name	Concentrations			Units	Measured	Range If Measured
	Min.	Typ.	Max.	ppm(v)/vol%	Yes/No	

4. Process Physical Properties:

	Units	Min.	Typ.	Max.
Temperature				
Pressure				
Dew Point				
Water Vapor				
Flow				
Velocity				
Particulate Concentration				

5. Analyzer Options:

- YH8000 HMI Unit
 - Installed by Customer
 - As Part of Utility Panel (See Section 6 Below)
- IF8000 Isolation Flanges (for pressures in excess of 72 psig or temperatures in excess of 131°F with purge)
- YC8000 Flow Cell (Used in the case of extractive installations)
- 4-Pair Cable for Connecting the Sensor Control Unit (SCU) to the Laser Unit (LU)

Distance from SCU to LU:

Extended Warranty (Comes with 18 Months): One Year Two Years Three Years

6. Purge Options:

Gas Availability:

Nitrogen

Pressure:
Temperature:
Dew Point:

Instrument Air

Pressure:
Temperature:
Dew Point:
Concentration Range:

YP8000 Utility Panel Requested (Remote Purge, Validation, Power, and Connectivity Panel)

- | | | | |
|------------------------|--|--|-------------------------------|
| Panel Configuration: | <input type="checkbox"/> Single Analyzer Panel | <input type="checkbox"/> Dual Analyzer Panel | |
| Enclosure Material: | <input type="checkbox"/> 316 Stainless Steel | <input type="checkbox"/> Fiberglass | |
| Validation Type: | <input type="checkbox"/> Automatic | <input type="checkbox"/> Dual Gas Automatic | |
| HMI Mounting: | <input type="checkbox"/> Inside | <input type="checkbox"/> Outside | <input type="checkbox"/> N/A |
| Ethernet Switch: | <input type="checkbox"/> 5-Port Switch | <input type="checkbox"/> 8-Port Switch | <input type="checkbox"/> None |
| Window Kit: | <input type="checkbox"/> Over Purge Panel | <input type="checkbox"/> Over HMI | <input type="checkbox"/> None |
| HART Splitter: | <input type="checkbox"/> Yes | <input type="checkbox"/> No | |
| Z-Purge Kit Installed: | <input type="checkbox"/> Yes | <input type="checkbox"/> No | |

Area Classification Where YP8000 Will Be Installed:
Distance From Analyzer Sensor Control Unit to YP8000:

Ambient Temperature

Min:
Max:

7. Validation and Calibration Options:

Validation Method:

- Online Validation (Validation While Analyzer is Still Connected to Process)
- Offline Validation (Analyzer is Taken Off Process and Connected to Flow or Calibration Cell)

Calibration Method (Should Only Be Done with Factory Guidance):

- Calibration Cell for Calibration on Site
- Spare Smart Laser Module (Swapped with the Installed Module and Sent to Factory for Calibration)
- Send Entire Unit to Factory Periodically or Schedule Field Service

8. Documentation, Service, and Spare Parts:

- | | |
|--|---|
| <input type="checkbox"/> Installation Supervision | <input type="checkbox"/> Complete Data Book |
| <input type="checkbox"/> Startup and Commissioning | <input type="checkbox"/> Certified Product Drawings |
| <input type="checkbox"/> Annual Maintenance Contract | <input type="checkbox"/> Certified Wiring Drawings |
| <input type="checkbox"/> Spare Commissioning Parts | <input type="checkbox"/> Certified Piping Drawings |
| <input type="checkbox"/> Recommended Spare Parts | |

9. General Application & Installation Notes/Comments:

If you have any issues completing this form, please contact your local sales representative who can be found here <https://www.yokogawa.com/us/contact/#locate-your-sales-representative>, or contact us directly via e-mail at support@us.yokogawa.com or by phone at 1-800-524-7378.

Upon completion please submit this form to support@us.yokogawa.com.