Tunable Diode Laser Analyzer Market by Methodology, Gas Analyzer Type, Ammonia, COX, Moisture, Industry (Oil & Gas, Cement, Power), and Geography - Global Forecast to 2022

Description: The tunable diode laser analyzer (TDLA) market is expected to reach USD 569.2 million by 2022, at a CAGR of 10.1% during the forecast period. The TDLA is used in various industries such as cement, chemical & pharmaceutical, fertilizer, metal & mining, oil & gas, power, and others; out of which chemical & pharmaceutical industry is expected to grow at the highest CAGR during the forecast period. Some of the reason for this significant growth rate are industry practices to reducing the chances of explosion by proper monitoring the oxygen (O2) gas at various check-points, and increasing the industry efficiency though reducing the cost and time of manufacturing.

“Oxygen-based TDLA would gain maximum traction during the forecast period.”

The market for oxygen (O2) TDLA is expected to grow at a higher rate than other gas analyzer type during the forecast period owing to the rise in demand for oxygen (O2) TDLA which would optimize fuel consumption, increase combustion as well as improve process control, and reduce air pollution by proper monitoring at the combustion process. Oxygen-based TDLA is also used in chemical & pharmaceutical industry for monitoring the oxygen level to reduce the chances of explosion. Moreover, oxygen (O2) analyzer would provide Return on Investment (RoI) by optimizing the process.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews have been conducted with key opinion leaders. The break-up of the profiles of primary participants is given below:

- By Company Type: Tier 1 - 22%, Tier 2 - 45%, and Tier 3 - 33%
- By Designation: C-level - 33%, Director level - 22%, Others - 45%
- By Region: The Americas - 34%, APAC - 33%, Europe - 22%, RoW - 11%

The rise in the demand for process automation, increasing demand of boilers and DeNOx System in various industries along with decrease in the Average Selling Price of TDLA would provide a huge opportunity for the TDLA market to grow in the next five years.

The various key TDLA players profiled in the report are as follows:

1. ABB Ltd
2. Ametek Inc.
3. Spectrasensors, Inc.
4. Mettler-Toledo International Inc.
5. Neo Monitors As
6. Servomex Ltd.
7. Sick AG
8. Siemens AG
9. Focused photonics Inc.
10. Yokogawa Electric Corp.

The report would help the market leaders/new entrants in this market in the following ways:

1. This report segments the TDLA market comprehensively and provides the closest approximations of the revenue numbers for the overall market and the subsegments across the different industry and regions.
2. The report helps stakeholders to understand the pulse of the market and provides them information on key market drivers, restraints, challenges, and opportunities.
3. This report would help stakeholders to understand the competitor and gain more insights to strengthen their position in the business. The competitive landscape section includes competitor ecosystem, new product developments, partnerships, and mergers and acquisitions.
List of Tables

Table 1 Market Segmentation: By Methodology
Table 2 Market Segmentation: By Analyzer Type
Table 3 Industrialization In The Global Market Propels The Growth Of The Tdla Market
Table 4 Availability Of Low Price Competitive Technologies Hinder The Growth Of The Tdla Market
Table 5 Modernization And Migration Services Create A Huge Opportunity For The Tdla Market
Table 6 Impact Of Lead Time: Major Challenge For Tdla Market
Table 7 Porter’S Five Forces Analysis: Competitive Rivalry And Buyer’S Bargaining Power Likely To Have The Maximum Impact On The Overall Market
Table 8 Tdla Market, By Methodology, 2014 - 2022 (USD Million)
Table 9 Tdla Market For In-Situ Methodology, By Gas Analyzer Type, 2014 - 2022 (USD Million)
Table 10 Tdla Market For Extractive-Based Methodology, By Gas Analyzer Type, 2014 - 2022 (USD Million)
Table 11 Tdla Market, By Gas Analyzer Type, 2014 - 2022 (USD Million)
Table 12 Tdla Market For Oxygen (O2) Analyzers, By Industry, 2014 - 2022 (USD Million)
Table 13 Tdla Market For Oxygen (O2) Analyzers Tdla Market, By Methodology, 2014 - 2022 (USD Million)
Table 14 Tdla Market For Ammonia (Nh3) Analyzers, By Industry, 2014 - 2022 (USD Million)
Table 15 Tdla Market For Moisture (H2O) Analyzers, By Industry, 2014 - 2022 (USD Million)
Table 16 Tdla Market For Moisture (H2O) Analyzers, By Methodology, 2014 - 2022 (USD Million)
Table 17 Tdla Market For COx Analyzers, By Industry, 2014 - 2022 (USD Million)
Table 18 Tdla Market For COx Analyzers, By Methodology, 2014 - 2022 (USD Million)
Table 19 Tdla Market For HCx Analyzers, By Industry, 2014 - 2022 (USD Million)
Table 20 Tdla Market For HCx Analyzers, By Methodology, 2014 - 2022 (USD Million)
Table 21 Tdla Market For Other* Analyzers, By Industry, 2014 - 2022 (USD Million)
Table 22 Tdla Market For Other* Analyzers, By Methodology, 2014 - 2022 (USD Million)
Table 23 Tdla Market For Cement Industry, By Region, 2014 - 2022 (USD Million)
Table 24 Tdla Market For Cement Industry, By Gas Analyzer Type, 2014 - 2022 (USD Million)
Table 25 Tdla Market For Chemical & Pharmaceutical Industry, By Region, 2014 - 2022 (USD Million)
Table 26 Tdla Market For Chemical & Pharmaceutical Industry, By Gas Analyzer Type, 2014 - 2022 (USD Million)
Table 27 Tdla Market For Fertilizer Industry, By Region, 2014 - 2022 (USD Million)
Table 28 Tdla Market For Fertilizer Industry, By Gas Analyzer Type, 2014 - 2022 (USD Million)
Table 29 Tdla Market For Metal & Mining Industry, By Region, 2014 - 2022 (USD Million)
Table 30 Tdla Market For Metal & Mining Industry, By Gas Analyzer Type, 2014 - 2022 (USD Million)
Table 31 Tdla Market For Oil & Gas Industry, By Region, 2014 - 2022 (USD Million)
Table 32 Tdla Market For Oil & Gas Industry, By Gas Analyzer Type, 2014 - 2022 (USD Million)
Table 33 Tdla Market For Power Industry, By Region, 2014 - 2022 (USD Million)
Table 34 Tdla Market For Power Industry, By Gas Analyzer Type, 2014 - 2022 (USD Million)
Table 35 Tdla Market For Pulp & Paper Industry, By Region, 2014 - 2022 (USD Million)
Table 36 Tdla Market For Pulp & Paper Industry, By Gas Analyzer Type, 2014 - 2022 (USD Million)
Table 37 Tdla Market, By Region, 2014 - 2022 (USD Million)
Table 38 Tdla Market In Americas, By Industry, 2014 - 2022 (USD Million)
Table 39 Tdla Market In Americas, By Region, 2014 - 2022 (USD Million)
Table 40 Tdla Market In North America, By Industry, 2014 - 2022 (USD Million)
Table 41 Tdla Market In North America, By Country, 2014 - 2022 (USD Million)
Table 42 Tdla Market In U.S. By Industry, 2014 - 2022 (USD Million)
Table 43 Tdla Market In Canada, By Industry, 2014 - 2022 (USD Million)
Table 44 Tdla Market In Mexico, By Industry, 2014 - 2022 (USD Million)
Table 45 Tdla Market In South America, By Industry, 2014 - 2022 (USD Million)
Table 46 Tdla Market In South America, By Country, 2014 - 2022 (USD Million)
Table 47 Tdla Market In Europe, By Industry, 2014 - 2022 (USD Million)
Table 48 Tdla Market In Europe, By Country, 2014 - 2022 (USD Million)
Table 49 Tdla Market In U.K., By Industry, 2014 - 2022 (USD Million)
Table 50 Tdla Market In Germany, By Industry, 2014 - 2022 (USD Million)
Table 51 Tdla Market In France, By Industry, 2014 - 2022 (USD Million)
Table 52 Tdla Market In Italy, By Industry, 2014 - 2022 (USD Million)
Ammonia (NH3) Analyzers During The Forecast Period
Figure 39 Chemical & Pharmaceutical Industry To Grow At The Highest Rate In The TDLA Market For COX Analyzers During The Forecast Period
Figure 40 Oil & Gas Industry Hold Maximum Market Share In The TDLA Market For Moisture (H2O) Analyzers During The Forecast Period
Figure 41 Fertilizer Industry In The TDLA Market For HX Analyzers To Witness Highest Growth Rate During The Forecast Period
Figure 42 Oil & Gas Industry To Dominate The TDLA Market For CXXH Analyzers During The Forecast Period
Figure 43 Oil & Gas Industry In The TDLA Market For Other Analyzers To Hold The Largest Size By 2022
Figure 44 Global TDLA Market By Industry
Figure 45 Chemical & Pharmaceutical Industry To Grow At The Highest Rate During The Forecast Period
Figure 46 TDLA Market For Cement Industry In APAC To Witness The Highest Growth Rate During The Forecast Period
Figure 47 APAC To Grow At The Highest Rate In The TDLA Market For Chemical & Pharmaceutical Industry During The Forecast Period
Figure 48 Americas To Hold The Largest Size Of TDLA Market For Fertilizer Industry By 2022
Figure 49 APAC To Grow At The Highest Rate In The TDLA Market For Metal & Mining Industry During The Forecast Period
Figure 50 ROW To Hold The Largest Size For TDLA Market In Oil & Gas Industry, By 2022
Figure 51 APAC To Grow At The Highest Rate In The TDLA Market For Power Industry During The Forecast Period
Figure 52 APAC To Grow At The Highest Rate In The TDLA Market For Pulp & Paper Industry During The Forecast Period
Figure 53 APAC To Hold The Largest Size Of The TDLA Market For Semiconductor Industry During The Forecast Period
Figure 54 Global TDLA Market, By Geography
Figure 55 Geographic Snapshot (2016): TDLA Market In APAC Expected To Grow At The Highest Rate During The Forecast Period
Figure 56 TDLA Market In India Expected To Grow At The Highest Rate Between 2016 And 2022
Figure 57 Americas: TDLA Market Snapshot - TDLA Market To Be Driven By The Presence Of The Large Number Of Process Industries
Figure 58 TDLA Market In Americas, By Region
Figure 59 TDLA Market In North America, By Country
Figure 60 U.S. To Hold The Largest Size Of The TDLA Market By 2022
Figure 61 TDLA Market In South America, By Country
Figure 62 Brazil To Grow At The Highest Rate In The TDLA Market During The Forecast Period
Figure 63 Europe Market Snapshot - Demand To Be Driven By The Increasing Adoption Of TDLA Over Traditional Analyzers
Figure 64 TDLA Market In Europe, By Country
Figure 65 Rest Of Europe To Hold The Largest Size Of The TDLA Market In Europe By 2022
Figure 66 APAC: Market Snapshot—TDLA Market To Be Driven By Increasing Numbers Of Process Industries
Figure 67 TDLA Market In India To Grow At The Highest Rate During The Forecast Period
Figure 68 TDLA Market In ROW, By Region
Figure 69 Middle East To Grow At The Highest Rate In The TDLA Market During The Forecast Period
Figure 70 Key Growth Strategies Adopted By Top Companies Between 2013 And 2016
Figure 71 Market Evaluation Framework-New Product Launches Fueled Growth And Innovation
Figure 72 Battle For Market Share: New Product Launches Was The Key Strategy
Figure 73 Geographic Revenue Mix Of Top 4 Market Players
Figure 74 Focused Photonics Inc.: Company Snapshot
Figure 75 Focused Photonics Inc.: SWOT Analysis
Figure 76 Yokogawa Electric Corporation: Company Snapshot
Figure 77 Yokogawa Electric Corporation: SWOT Analysis
Figure 78 Spectris PLC: Company Snapshot
Figure 79 Spectris PLC: SWOT Analysis
Figure 80 Endress + Hauser AG: Company Snapshot
Figure 81 Endress + Hauser AG: SWOT Analysis
Figure 82 Ametek Inc.: Company Snapshot
Figure 83 Ametek Inc.: SWOT Analysis
Figure 84 Abb Ltd: Company Snapshot
Figure 85 Mettler-Toledo International Inc.: Company Snapshot
Figure 86 Sick AG: Company Snapshot
Ordering:

Order Online - [http://www.researchandmarkets.com/reports/3752039/](http://www.researchandmarkets.com/reports/3752039/)

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Tunable Diode Laser Analyzer Market by Methodology, Gas Analyzer Type, Ammonia, COX, Moisture, Industry (Oil & Gas, Cement, Power), and Geography - Global Forecast to 2022
Web Address: http://www.researchandmarkets.com/reports/3752039/
Office Code: SC2GUTWU

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td>Single User:</td>
<td>USD 5650</td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td>1 - 5 Users:</td>
<td>USD 6650</td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td>Site License:</td>
<td>USD 8150</td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td>Enterprisewide:</td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr  [ ] Mrs  [ ] Dr  [ ] Miss  [ ] Ms  [ ] Prof
First Name: ___________________________  Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

<table>
<thead>
<tr>
<th>Account number</th>
<th>833 130 83</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sort code</td>
<td>98-53-30</td>
</tr>
<tr>
<td>Swift code</td>
<td>ULSBIE2D</td>
</tr>
<tr>
<td>IBAN number</td>
<td>IE78ULSB98533083313083</td>
</tr>
</tbody>
</table>
| Bank Address     | Ulster Bank,
                   27-35 Main Street,
                   Blackrock,
                   Co. Dublin,
                   Ireland. |

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:

(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World