

## **Middle East & Africa Tunable Diode Laser Analyzer Market Forecast to 2028 - COVID-19 Impact and Regional Analysis**

Market Report | 2022-10-11 | 144 pages | The Insight Partners

### **AVAILABLE LICENSES:**

- Single User Price \$3000.00
- Site Price \$4000.00
- Enterprise Price \$5000.00

### **Report description:**

The MEA tunable diode laser analyzer market is expected to grow from US\$ 30.80 million in 2022 to US\$ 38.40 million by 2028; it is estimated to grow at a CAGR of 3.7% from 2022 to 2028.

Modernization and Migration Services of Upgrading Old Industries to Automate Process Industries

Globalization is driving a heightened focus on smart manufacturing. Also, outdated equipment is costly to run; thus, automation process industries are modernizing and migrating services of upgrading old industries for better performance and greater flexibility. Further, to meet the demands of modern manufacturing, companies are looking for new technologies to optimize their processes and equip their employee for higher performance and efficiency. Companies achieve their annual manufacturing targets by implementing the internet of things and smart manufacturing. Additionally, the process industries such as pulp & paper, chemical & pharmaceutical, and power generation sign service contracts with tunable diode laser analyzer manufacturing companies to provide annual maintenance for all analyzers located. One of these maintenance activities is replacing absolute analyzers with tunable diode laser analyzers. As a result of this schedule maintenance, the number of tunable diode laser analyzer installations to analyze the gases emitted by these industries increased. Furthermore, many tunable diode laser analyzer companies are developing advanced analyzers, for instance, the TDLS8100, that measure oxygen or carbon monoxide gas concentrations directly at high speeds. With its integrated light launcher and detector, this new probe type tunable diode laser spectrometer significantly reduces the need for flanges and scaffolding, resulting in a 50% or greater cost reduction in installation. Further, with the increasing number of companies and newly established manufacturing plants, the demand for tunable diode laser analyzers will increase. Thus, modernization and migration services of upgrading old industries to automate process industries will create many lucrative opportunities for the key players operating in the tunable diode laser analyzer market.

Market Overview

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The MEA oil and gas landscape changed dramatically in recent years, and investment is now spread across many projects, including LNG and offshore technical projects. Some of the largest ongoing projects in the MEA of oil and gas companies are creating new opportunities for the tunable diode laser analyzers' key players. For instance, The Zakum Development Company manages the second-largest offshore oil field (ZADCO) in the UAE. By drilling additional wells using extended-reach drilling and maximum reservoir contact well technologies, Zadco aims to increase field production from 750,000 b/d to around 1 million b/d (Barrels per day) by 2024. Therefore, the company is investing a massive amount of capital in upgrading their oil and gas sites, positively impacting the tunable diode laser analyzers market growth. Similarly, in 2018, Abu Dhabi National Oil Company (ADNOC) announced plans to expand the existing refinery as part of the US\$ 45 billion downstream development investment in developing flexibility in refining and processing other grades. Over the coming years, offshore exploration spending is likely to increase in the MEA; thus, to reduce the emission of toxic gases, there is high demand for tunable diode laser analyzers (gas analyzers) in these oil & gas industries. Therefore, the increasing number of oil exploration sites and up-gradation of these industries created many lucrative opportunities for the key operating the MEA tunable diode laser analyzers market.

#### MEA Tunable Diode Laser Analyzer Market Revenue and Forecast to 2028 (US\$ Million)

#### MEA Tunable Diode Laser Analyzer Market Segmentation

The MEA tunable diode laser analyzer market is segmented based on measurement type, gas analyzer type, industry application, and country.

Based on measurement type, the MEA tunable diode laser analyzer market is bifurcated into in-situ and extractive. The in-situ segment held a larger market share in 2022.

Based on gas analyzer type, the MEA tunable diode laser analyzer market is segmented into oxygen analyzer, ammonia analyzer, COx analyzer, moisture analyzer, Hx analyzer, CxHx analyzer, and others. The oxygen analyzer segment dominated the market in 2022.

Based on industry application, the MEA tunable diode laser analyzer market is segmented into power, oil & gas, mining & metal, chemicals, fertilizers, cement, and others. The oil & gas segment dominated the market in 2022.

Based on country, the MEA tunable diode laser analyzer market is segmented into the UAE, Saudi Arabia, South Africa, and rest of MEA. Saudi Arabia dominated the market in 2022.

ABB Ltd, Axetris AG, Boreal Laser Inc, Emerson Electric Co., METTLER TOLEDO, NEO Monitors AS, Siemens AG, Teledyne Analytical Instruments, Unisearch Associates Inc, and Yokogawa Electric Corporation are among the leading companies in the MEA tunable diode laser analyzer market.

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