

Global Lithium Niobate Market Drivers, Trends and Opportunities 2019

WiseGuyReports have announced the addition of a new report titled "2019 Global and Regional Lithium Niobate Market Research Report Forecast 2025".

PUNE, MAHARASHTRA, INDIA, November 5, 2019 /EINPresswire.com/ -- Report Description:

Lithium Niobate is a major compound of oxygen, lithium, and niobium. It is, in scientific terms, called LiNbO₃. It comes with single crystals, which are quite crucial for optical modulators, optical waveguides, mobile phones, and piezoelectric sensors. This is a dielectric material that is developed by humans. LiNbO₃ is widely used in the telecom sectors. This is a perfect material choice for the surface acoustic wave devices manufacturers. In some cases, this can be used as an ideal substitute for lithium tantalite and LiTaO₃.

The increasing growth of the telecom industry across the world has propelled the growth of this market. Some other uses of this compound are nonlinear optics, frequency doubling, optical parametric oscillators, pockets cells, Q-switching devices for lasers, and more. This is an excellent resource for optical waveguide manufacturers. Besides, LiNbO₃ is also widely used in the development of optical spatial low-pass filters or also called anti-aliasing filters. Different companies are now extensively investing in R&D activities related to LiNbO₃, which, in turn, will propel the growth of the global Lithium Niobate market in the coming years.

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As per the new report, in the year 2018, the global market value was around USD 40 billion. But technological advancement related to this has propelled the market to grow at an impressive CAGR. So, the experts have predicted that by the end of 2025, the market value will cross around \$ 75 billion. The compound annual growth rate is expected to be about 3 percent during the forecast period, i.e., from 2019 to 2025. The primary reason for the growth is increasing the exploration of LiNbO₃ for different purposes.

Global Market Segmentation Analysis

Speaking about the market segmentation of the global Lithium Niobate market, it is segmented on the basis of product type, applications, or end-use and regions. For the type segment, this market report listed some of the primary product types of LiNbO₃. These are Cylindrical, and Sheet. The report forecasted that the cylindrical product segment is expected to trigger the growth of the global LiNbO₃ market in the following years. For the end-user segment, this market report deals with the status and outlook for primary applications. The end-users segment includes Phase Adjuster, Two Harmonic Generator, Non-volatile Memory, and others. Among them, the expected dominating segment is phase adjuster.

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Market Segmentation Based on Geography

Based on geography, the world Lithium Niobate market is segmented into Asia-Pacific (China, Southeast Asia, Korea, India, and Japan), North America (Canada, Mexico and the US), Middle East & Africa (South Africa, GCC, and North Africa), Europe (Italy, Spain, Russia, the UK, Germany, Turkey, Netherland and rest of Europe) and South America (Brazil Peru, Argentina and Columbia). The new LiNbO₃ market report informs that in the year, Japan emerged as the leading manufacturers and exporter of LiNbO₃, and in the second place, there was Europe. So, now it is expected that the Asia Pacific region will dominate the global market owing to the increasing number of LiNbO₃ industries in the region.

Latest Industry News

Recently, Rainbow Photonics launched its new TeraSys- ULTRA, which offers ultimate and effective solutions for THz imaging, real-time, and Spectroscopy. As per the company, it is an easy to use terahertz addressing instrument. It can process the terahertz frequencies in real-time. The product is developed on the basis of the organic crystals, which can access THz frequencies of around 20THz.

There are 4 key segments covered in this report: competitor segment, product type segment, end use/application segment and geography segment.

For competitor segment, the report includes global key players of Lithium Niobate as well as some small players. At least 8 companies are included:

- * RSA
- * Saint-Gobain
- * Hilger Crystals
- * Cristal Laser
- * Korth Kristalle
- * Rainbow Photonics

For complete companies list, please ask for sample pages.

The information for each competitor includes:

- * Company Profile
- * Main Business Information
- * SWOT Analysis
- * Sales, Revenue, Price and Gross Margin
- * Market Share

For product type segment, this report listed main product type of Lithium Niobate market

- * Sheet
- * Cylindrical

For end use/application segment, this report focuses on the status and outlook for key applications. End users are also listed.

- * Phase Adjuster
- * Non-volatile Memory
- * Two Harmonic Generator
- * Others

For geography segment, regional supply, application-wise and type-wise demand, major players, price is presented from 2013 to 2023. This report covers following regions:

- * North America
- * South America
- * Asia & Pacific
- * Europe
- * MEA (Middle East and Africa)

The key countries in each region are taken into consideration as well, such as United States, China, Japan, India, Korea, ASEAN, Germany, France, UK, Italy, Spain, CIS, and Brazil etc.

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We also can offer customized report to fulfill special requirements of our clients. Regional and Countries report can be provided as well.

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