

2018-2023 Global LiTaO₃ Crystal Consumption Market Report

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Abstracts

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In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global LiTaO₃ Crystal market for 2018-2023.

LiTaO₃ Crystal is typical multifunction crystal material, with NLO and E-O properties similar to those of LiNbO₃ but higher damage threshold (>500 MW/cm for ns pulsed), widely used in surface acoustic wave filters, interdigital transducers, optical modulators, electro-optical switches, pyroelectric IR detectors, etc.

With the rapid development of communications, information industry development and industrialization of new optoelectronic materials it has excellent piezoelectric electromechanical coupling coefficient, low loss, high temperature stability, and good high-frequency performance, electro-optical and thermoelectric properties.

Over the next five years, LPI(LP Information) projects that LiTaO₃ Crystal will register a 3.6% CAGR in terms of revenue, reach US\$ 360 million by 2023, from US\$ 290 million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of LiTaO₃ Crystal market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

White

Black

Segmentation by application:

Surface Acoustic Wave

Electro-Optical

Piezoelectric

Pyroelectric

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

Sawyer

United Crystals

SurfaceNet

OXIDE

Korth Kristalle

MTI Corporation

Union Optic

Red Optronics

Ningxia Orient Tantalum Industry

Hangzhou Freqcontrol Electronic Technology

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

Research objectives

To study and analyze the global LiTaO₃ Crystal consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of LiTaO₃ Crystal market by identifying its various subsegments.

Focuses on the key global LiTaO₃ Crystal manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the LiTaO₃ Crystal with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of LiTaO₃ Crystal submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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