

Laser Technology Market by Type (Solid-State, Liquid, Gas), Application (Laser Processing, Optical Communication), and End User (Telecommunications, Industrial, Semiconductor & Electronics, Automotive, Healthcare) - Global Forecast to 2028

<https://marketpublishers.com/r/L9488522D881EN.html>

Date: September 2021

Pages: 197

Price: US\$ 4,175.00 (Single User License)

ID: L9488522D881EN

Abstracts

Laser Technology Market by Type (Solid-State, Liquid, Gas), Application (Laser Processing, Optical Communication), and End User (Telecommunications, Industrial, Semiconductor & Electronics, Automotive, Healthcare) — Global Forecast to 2028

The laser technology market is expected to reach \$30.3 billion by 2028, at a CAGR of 11.4% during the forecast period, 2021–2028.

Succeeding extensive secondary and primary research and in-depth analysis of the market scenario, the report carries out an impact analysis of the key industry drivers, restraints, and opportunities. The growth of this market is backed by the growing adoption of laser technology in the electronics sector, rising applications of laser in healthcare, a shift towards nano and microdevices, and increasing preference for laser-based material processing over traditional processing. Moreover, the growing demand for laser technology in robotics and increasing use of lasers for optical communication provides significant growth opportunities for stakeholders in the market. However, high initial cost obstructs the growth of this market to some extent. Also, technical complexity in high-power lasers is a major challenge for the growth of the laser technology market.

The COVID-19 pandemic has moderately impacted the global laser technology market. The national lockdowns imposed in several countries worldwide led to shutting down manufacturing facilities, thus impacting the overall supply chains. The decline in industrial activities impacted the material processing market leading to reduced demand

for lasers. However, the work-from-home model increased the need for high-speed data transmission. This led to the high demand for laser diodes for optical communication during the COVID-19 period.

Based on type, the laser technology market is segmented into solid-state, liquid, gas, and semiconductor lasers. The semiconductor lasers segment is expected to grow at the highest CAGR during the forecast period due to the rising demand for laser diodes, such as VCSELs in smartphones for sensing applications. Due to their low cost, many electronic device manufacturers are expected to implement laser diodes. Apart from this, VCSELs are also largely in demand for optical communication applications. However, the solid-state lasers segment is estimated to account for the largest share of the laser technology market in 2021.

Based on application, the laser technology market is segmented into laser processing, optical communications, and other applications. The laser processing segment is estimated to account for the largest share of the laser technology market in 2021, due to the advantages of laser material processing, such as high precision, efficiency, and quality. However, the optical communication segment is expected to grow at a significant CAGR during the forecast period.

Based on end user, the laser technology market is segmented into telecommunications, industrial, semiconductor & electronics, commercial, aerospace & defense, automotive, healthcare, and other end users. The healthcare segment is projected to grow at the highest CAGR during the forecast period due to technological advancements in lasers and growing number of aesthetic laser treatments in Asia as a result of medical tourism. Also, the rising number of cost-effective laser treatments is contributing to the growth of the market. However, the industrial segment is estimated to account for the largest share of the laser technology market in 2021.

An in-depth analysis of the geographical scenario of the global laser technology market provides detailed qualitative and quantitative insights about the five major geographies (North America, Europe, Asia-Pacific, Latin America, and the Middle East & Africa) along with the coverage of major countries in each region. The Asia-Pacific region is estimated to account for the largest share of the laser technology market in 2021. The large share of this region is primarily attributed to rising manufacturing activities in various Asian countries, including China, Japan, South Korea, Taiwan, and India, presence of the largest automobile market in China, proliferation of data centers, and huge demand for fiber lasers.

The key players operating in the laser technology market are Coherent, Inc. (U.S.), IPG Photonics Corporation (U.S.), TRUMPF GmbH + Co. KG (Germany), Lumentum Holdings Inc. (U.S.), Jenoptik AG (Germany), Novanta Inc. (U.S.), LUMIBIRD Group (France), LaserStar Technologies Corporation (U.S.), Epilog Laser (U.S.), Han's Laser Technology Industry Group Co., Ltd. (China), MKS Instruments, Inc. (U.S.), Gravotech Marking (France), Corning Incorporated (U.S.), Eurolaser GmbH (Germany), and BYSTRONIC Laser AG (Switzerland).

Scope

Laser Technology Market, by Type

Solid-state Lasers

Fiber Lasers

Ruby Lasers

YAG Lasers

Thin-Disk Lasers

Gas Lasers

CO2 Lasers

Excimer Lasers

He-Ne Lasers

Argon Lasers

Chemical Lasers

Liquid Lasers

Semiconductor Lasers

Laser Technology Market, by Application

Laser Processing

Macroprocessing

Cutting

Drilling

Welding

Microprocessing

Marking & Engraving

Optical Communications

Other Applications

Laser Technology Market, by End User

Telecommunications

Industrial

Semiconductor & Electronics

Commercial

Aerospace & Defense

Automotive

Medical

Other End Users

Laser Technology Market, by Geography

North America

U.S.

Canada

Europe

Germany

France

Spain

U.K.

Italy

Rest of Europe (RoE)

Asia-Pacific (APAC)

China

Japan

India

South Korea

Rest of Asia-Pacific (RoAPAC)

Latin America

Middle East & Africa

Contents

1. INTRODUCTION

- 1.1. Market Definition
- 1.2. Currency and Limitations
 - 1.2.1. Currency
 - 1.2.2. Limitations
- 1.3. Key Stakeholders

2. RESEARCH METHODOLOGY

- 2.1. Research Process
- 2.2. Data Collection & Validation
 - 2.2.1. Secondary Research
 - 2.2.2. Primary Research
- 2.3. Market Assessment
 - 2.3.1. Market Size Estimation
 - 2.3.2. Bottom-Up Approach
 - 2.3.3. Top-Down Approach
 - 2.3.4. Growth Forecast
- 2.4. Assumptions for the Study

3. EXECUTIVE SUMMARY

4. COVID-19: IMPACT ASSESSMENT

- 4.1. Scenario A: Severe Impact
- 4.2. Scenario B: Moderate Recovery
- 4.3. Scenario C: Fast Recovery

5. MARKET INSIGHTS

- 5.1. Introduction
 - 5.1.1. Drivers
 - 5.1.1.1. Rising Adoption of Laser Technology in the Electronics Sector
 - 5.1.1.2. Increasing Use of Laser for Medical Applications
 - 5.1.1.2. Shift Towards Micro and Nanodevices
 - 5.1.1.3. Demand for Laser-based Material Processing Over Traditional Processing

5.1.2. Restraints

5.1.2.1. High Initial Cost

5.1.3. Opportunities

5.1.3.1. Use of Laser Technology in Robotics

5.1.3.2. Applications of Laser for Optical Communication

5.1.4. Challenges

5.1.4.1. Technical Complexity in High Power Laser

5.2. Value Chain Analysis

6. GLOBAL LASER TECHNOLOGY MARKET, BY TYPE

6.1. Introduction

6.2. Solid-state Laser

6.2.1. Fiber Laser

6.2.2. Yttrium Aluminum Garnet (YAG) Laser

6.2.3. Thin-disk Laser

6.2.4. Ruby Laser

6.3. Gas Laser

6.3.1. Co2 Laser

6.3.2. Excimer Laser

6.3.3. He-Ne laser

6.3.4. Argon laser

6.3.5. Chemical laser

6.4. Semiconductor Laser

6.5. Liquid Laser

7. GLOBAL LASER TECHNOLOGY MARKET, BY APPLICATION

7.1. Introduction

7.2. Laser Processing

7.2.1. Macroprocessing

7.2.1.1. Cutting

7.2.1.2. Welding

7.2.1.3. Drilling

7.2.2. Microprocessing

7.2.3. Marking and Engraving

7.3. Optical Communications

7.4. Other Applications

8. GLOBAL LASER TECHNOLOGY MARKET, BY END USER

- 8.1. Introduction
- 8.2. Industrial
- 8.3. Semiconductor & Electronics
- 8.4. Automotive
- 8.5. Telecommunications
- 8.6. Aerospace & Defense
- 8.7. Healthcare
- 8.8. Commercial
- 8.9. Others End Users

9. GLOBAL LASER TECHNOLOGY MARKET, BY GEOGRAPHY

- 9.1. Introduction
- 9.2. Asia-Pacific (APAC)
 - 9.2.1. China
 - 9.2.2. Japan
 - 9.2.3. South Korea
 - 9.2.4. India
 - 9.2.5. Rest of Asia—Pacific
- 9.3. North America
 - 9.3.1. U.S.
 - 9.3.2. Canada
- 9.4. Europe
 - 9.4.1. Germany
 - 9.4.2. U.K.
 - 9.4.3. France
 - 9.4.4. Italy
 - 9.4.5. Spain
 - 9.4.6. Rest of Europe
- 9.5. Latin America
- 9.6. Middle East and Africa

10. COMPETITIVE LANDSCAPE

- 10.1 Introduction
- 10.2. Key Growth Strategies
- 10.3. Market Share Analysis (2020)

- 10.3.1. Coherent, Inc.
- 10.3.2. TRUMPF GmbH + Co. KG
- 10.3.3. IPG Photonics Corporation
- 10.3.4. Han's Laser Technology Industry Group Co., Ltd.
- 10.3.5. Lumentum Operations LLC

11. COMPANY PROFILES

- 11.1. Coherent, Inc.
 - 11.1.1. Business Overview
 - 11.1.2. Financial Overview
 - 11.1.3. Product Portfolio
 - 11.1.4. Strategic Developments
- 11.2. TRUMPF GmbH + Co. KG
 - 11.2.1. Business Overview
 - 11.2.2. Financial Overview
 - 11.2.3. Product Portfolio
 - 11.2.4. Strategic Developments
- 11.3. IPG Photonics Corporation
 - 11.3.1. Business Overview
 - 11.3.2. Financial Overview
 - 11.3.3. Product Portfolio
 - 11.3.4. Strategic Developments
- 11.4. Han's Laser Technology Industry Group Co., Ltd.
 - 11.4.1. Business Overview
 - 11.4.2. Financial Overview
 - 11.4.3. Product Portfolio
 - 11.4.4. Strategic Development
- 11.5. Lumentum Holdings Inc.
 - 11.5.1. Business Overview
 - 11.5.2. Financial Overview
 - 11.5.3. Product Portfolio
 - 11.5.4. Strategic Developments
- 11.6. JENOPTIK AG
 - 11.6.1. Business Overview
 - 11.6.2. Financial Overview
 - 11.6.3. Product Portfolio
 - 11.6.4. Strategic Developments
- 11.7. Novanta Inc.

- 11.7.1. Business Overview
- 11.7.2. Financial Overview
- 11.7.3. Product Portfolio
- 11.7.4. Strategic Developments
- 11.8. LUMIBIRD Group
 - 11.8.1. Business Overview
 - 11.8.2. Financial Overview
 - 11.8.3. Product Portfolio
 - 11.8.4. Strategic Developments
- 11.9. LaserStar Technologies Corporation
 - 11.9.1. Business Overview
 - 11.9.2. Product Portfolio
 - 11.9.3. Strategic Developments
- 11.10. Epilog Laser
 - 11.10.1. Business Overview
 - 11.10.2. Product Portfolio
 - 11.10.3. Strategic Developments
- 11.11. MKS Instruments, Inc.
 - 11.11.1. Business Overview
 - 11.11.2. Financial Overview
 - 11.11.3. Product Portfolio
 - 11.11.4. Strategic Developments
- 11.12. Gravotech Marking
 - 11.12.1. Business Overview
 - 11.12.2. Product Portfolio
- 11.13. Corning Incorporated
 - 11.13.1. Business Overview
 - 11.13.2. Financial Overview
 - 11.13.3. Product Portfolio
 - 11.13.4. Strategic Developments
- 11.14. eurolaser GmbH
 - 11.14.1. Business Overview
 - 11.14.2. Product Portfolio
- 11.15. Bystronic Laser AG
 - 11.15.1. Business Overview
 - 11.15.2. Financial Overview
 - 11.15.3. Product Portfolio
 - 11.15.4. Strategic Developments

12. APPENDIX

12.1. Questionnaire

12.2. Available Customization

List Of Tables

LIST OF TABLES

Table 1 Impact of COVID-19 on Global Laser Technology Market (USD Million)
Table 2 Global Laser Technology Market Size, by Type, 2019–2028 (USD Million)
Table 3 Global Laser Technology Market Size, by Solid-state Laser, 2019–2028 (USD Million)
Table 4 Global Solid-State Laser Market Size, by Country/Region, 2019–2028 (USD Million)
Table 5 Global Fiber Laser Market Size, by Country/Region, 2019–2028 (USD Million)
Table 6 Global Yttrium Aluminum Garnet (YAG) Laser Market Size, by Country/Region, 2019–2028 (USD Million)
Table 7 Global Thin-disk Laser Market Size, by Country/Region, 2019–2028 (USD Million)
Table 8 Global Ruby Laser Market Size, by Country/Region, 2019–2028 (USD Million)
Table 9 Global Laser Technology Market Size, by Gas Laser, 2019–2028 (USD Million)
Table 10 Global Gas Laser Market Size, by Country/Region, 2019–2028 (USD Million)
Table 11 Global Co2 Laser Market Size, by Country/Region, 2019–2028 (USD Million)
Table 12 Global Excimer Laser Market Size, by Country/Region, 2019–2028 (USD Million)
Table 13 Global He-Ne Laser MarketSize, by Country/Region, 2019–2028 (USD Million)
Table 14 Global Argon Laser MarketSize, by Country/Region, 2019–2028 (USD Million)
Table 15 Global Chemical Laser MarketSize, by Country/Region, 2019–2028 (USD Million)
Table 16 Global Semiconductor Laser MarketSize, by Country/Region, 2019–2028 (USD Million)
Table 17 Global Liquid Laser MarketSize, by Country/Region, 2019–2028 (USD Million)
Table 18 Global Laser Technology Market Size, by Application, 2019–2028 (USD Million)
Table 19 Global Laser Technology Market Size, by Laserprocessing, 2019–2028 (USD Million)
Table 20 Global Laserprocessing Market Size, by Country/Region, 2019–2028 (USD Million)
Table 21 Global Laser Technology Market Size, by Macroprocessing, 2019–2028 (USD Million)
Table 22 Global Macroprocessing Market Size, by Country/Region, 2019–2028 (USD Million)
Table 23 Global Cutting Market Size, by Country/Region, 2019–2028 (USD Million)

Table 24 Global Welding Market Size, by Country/Region, 2019–2028 (USD Million)

Table 25 Global Drilling Market Size, by Country/Region, 2019–2028 (USD Million)

Table 26 Global Microprocessing Market Size, by Country/Region, 2019–2028 (USD Million)

Table 27 Global Marking & Engraving Market Size, by Country/Region, 2019–2028 (USD Million)

Table 28 Global Optical Communications Market Size, by Country/Region, 2019–2028 (USD Million)

Table 29 Global Other Applications Market Size, by Country/Region, 2019–2028 (USD Million)

Table 30 Global Laser Technology Market Size, by End User, 2019–2028 (USD Million)

Table 31 Global Industrial Market Size, by Country/Region, 2019–2028 (USD Million)

Table 32 Global Semiconductor & Electronics Market Size, by Country/Region, 2019–2028 (USD Million)

Table 33 Global Automotive Market Size, by Country/Region, 2019–2028 (USD Million)

Table 34 Global Telecommunications Market Size, by Country/Region, 2019–2028 (USD Million)

Table 35 Global Aerospace & Defense Market Size, by Country/Region, 2019–2028 (USD Million)

Table 36 Global Healthcare Market Size, by Country/Region, 2019–2028 (USD Million)

Table 37 Global Commercial Market Size, by Country/Region, 2019–2028 (USD Million)

Table 38 Global Other End Users Market Size, by Country/Region, 2019–2028 (USD Million)

Table 39 Global Laser Technology Market Size, by Country/Region, 2019–2028 (USD Million)

Table 40 Global Laser Technology Market Size, by Country/Region, 2019–2028 (USD Million)

Table 41 Asia-Pacific: Laser Technology Market Size, by Country/Region, 2019–2028 (USD Million)

Table 42 Asia-Pacific: Laser Technology Market Size, by Type, 2019–2028 (USD Million)

Table 43 Asia-Pacific: Laser Technology Market Size, by Solid-state Laser, 2019–2028 (USD Million)

Table 44 Asia-Pacific: Laser Technology Market Size, by Gas Laser, 2019–2028 (USD Million)

Table 45 Asia-Pacific: Laser Technology Market Size, by Application, 2019–2028 (USD Million)

Table 46 Asia-Pacific: Laser Technology Market Size, by Laserprocessing, 2019–2028 (USD Million)

Table 47 Asia-Pacific: Laser Technology Market Size, by Macroprocessing, 2019–2028 (USD Million)

Table 48 Asia-Pacific: Laser Technology Market Size, by End User, 2019–2028 (USD Million)

Table 49 China: Laser Technology Market Size, by Type, 2019–2028 (USD Million)

Table 50 China: Laser Technology Market Size, by Solid-state Laser, 2019–2028 (USD Million)

Table 51 China: Laser Technology Market Size, by Gas Laser, 2019–2028 (USD Million)

Table 52 China: Laser Technology Market Size, by Application, 2019–2028 (USD Million)

Table 53 China: Laser Technology Market Size, by Laserprocessing, 2019–2028 (USD Million)

Table 54 China: Laser Technology Market Size, by Macroprocessing, 2019–2028 (USD Million)

Table 55 China: Laser Technology Market Size, by End User, 2019–2028 (USD Million)

Table 56 Japan: Laser Technology Market Size, by Type, 2019–2028 (USD Million)

Table 57 Japan: Laser Technology Market Size, by Solid-state Laser, 2019–2028 (USD Million)

Table 58 Japan: Laser Technology Market Size, by Gas Laser, 2019–2028 (USD Million)

Table 59 Japan: Laser Technology Market Size, by Application, 2019–2028 (USD Million)

Table 60 Japan: Laser Technology Market Size, by Laserprocessing, 2019–2028 (USD Million)

Table 61 Japan: Laser Technology Market Size, by Macroprocessing, 2019–2028 (USD Million)

Table 62 Japan: Laser Technology Market Size, by End User, 2019–2028 (USD Million)

Table 63 South Korea: Laser Technology Market Size, by Type, 2019–2028 (USD Million)

Table 64 South Korea: Laser Technology Market Size, by Solid-state Laser, 2019–2028 (USD Million)

Table 65 South Korea: Laser Technology Market Size, by Gas Laser, 2019–2028 (USD Million)

Table 66 South Korea: Laser Technology Market Size, by Application, 2019–2028 (USD Million)

Table 67 South Korea: Laser Technology Market Size, by Laserprocessing, 2019–2028 (USD Million)

Table 68 South Korea: Laser Technology Market Size, by Macroprocessing, 2019–2028

(USD Million)

Table 69 South Korea: Laser Technology Market Size, by End User, 2019–2028 (USD Million)

Table 70 India: Laser Technology Market Size, by Type, 2019–2028 (USD Million)

Table 71 India: Laser Technology Market Size, by Solid-state Laser, 2019–2028 (USD Million)

Table 72 India: Laser Technology Market Size, by Gas Laser, 2019–2028 (USD Million)

Table 73 India: Laser Technology Market Size, by Application, 2019–2028 (USD Million)

Table 74 India: Laser Technology Market Size, by Laserprocessing, 2019–2028 (USD Million)

Table 75 India: Laser Technology Market Size, by Macroprocessing, 2019–2028 (USD Million)

Table 76 India: Laser Technology Market Size, by End User, 2019–2028 (USD Million)

Table 77 Rest of Asia-Pacific: Laser Technology Market Size, by Type, 2019–2028 (USD Million)

Table 78 Rest of Asia-Pacific: Laser Technology Market Size, by Solid-state Laser, 2019–2028 (USD Million)

Table 79 Rest of Asia-Pacific: Laser Technology Market Size, by Gas Laser, 2019–2028 (USD Million)

Table 80 Rest of Asia-Pacific: Laser Technology Market Size, by Application, 2019–2028 (USD Million)

Table 81 Rest of Asia-Pacific: Laser Technology Market Size, by Laserprocessing, 2019–2028 (USD Million)

Table 82 Rest of Asia-Pacific: Laser Technology Market Size, by Macroprocessing, 2019–2028 (USD Million)

Table 83 Rest of Asia-Pacific: Laser Technology Market Size, by End User, 2019–2028 (USD Million)

Table 84 North America: Laser Technology Market Size, by Country/Region, 2019–2028 (USD Million)

Table 85 North America: Laser Technology Market Size, by Type, 2019–2028 (USD Million)

Table 86 North America: Laser Technology Market Size, by Solid-state Laser, 2019–2028 (USD Million)

Table 87 North America: Laser Technology Market Size, by Gas Laser, 2019–2028 (USD Million)

Table 88 North America: Laser Technology Market Size, by Application, 2019–2028 (USD Million)

Table 89 North America: Laser Technology Market Size, by Laserprocessing, 2019–2028 (USD Million)

Table 90 North America: Laser Technology Market Size, by Macroprocessing, 2019–2028 (USD Million)

Table 91 North America: Laser Technology Market Size, by End User, 2019–2028 (USD Million)

Table 92 U.S.: Laser Technology Market Size, by Type, 2019–2028 (USD Million)

Table 93 U.S.: Laser Technology Market Size, by Solid-state Laser, 2019–2028 (USD Million)

Table 94 U.S.: Laser Technology Market Size, by Gas Laser, 2019–2028 (USD Million)

Table 95 U.S.: Laser Technology Market Size, by Application, 2019–2028 (USD Million)

Table 96 U.S.: Laser Technology Market Size, by Laserprocessing, 2019–2028 (USD Million)

Table 97 U.S.: Laser Technology Market Size, by Macroprocessing, 2019–2028 (USD Million)

Table 98 U.S.: Laser Technology Market Size, by End User, 2019–2028 (USD Million)

Table 99 Canada: Laser Technology Market Size, by Type, 2019–2028 (USD Million)

Table 100 Canada: Laser Technology Market Size, by Solid-state Laser, 2019–2028 (USD Million)

Table 101 Canada: Laser Technology Market Size, by Gas Laser, 2019–2028 (USD Million)

Table 102 Canada: Laser Technology Market Size, by Application, 2019–2028 (USD Million)

Table 103 Canada: Laser Technology Market Size, by Laserprocessing, 2019–2028 (USD Million)

Table 104 Canada: Laser Technology Market Size, by Macroprocessing, 2019–2028 (USD Million)

Table 105 Canada: Laser Technology Market Size, by End User, 2019–2028 (USD Million)

Table 106 Europe: Laser Technology Market Size, by Country, 2019–2028 (USD Million)

Table 107 Europe: Laser Technology Market Size, by Type, 2019–2028 (USD Million)

Table 108 Europe: Laser Technology Market Size, by Solid-state Laser, 2019–2028 (USD Million)

Table 109 Europe: Laser Technology Market Size, by Gas Laser, 2019–2028 (USD Million)

Table 110 Europe: Laser Technology Market Size, by Application, 2019–2028 (USD Million)

Table 111 Europe: Laser Technology Market Size, by Laserprocessing, 2019–2028 (USD Million)

Table 112 Europe: Laser Technology Market Size, by Macroprocessing, 2019–2028

(USD Million)

Table 113 Europe: Laser Technology Market Size, by End User, 2019–2028 (USD Million)

Table 114 Germany: Laser Technology Market Size, by Type, 2019–2028 (USD Million)

Table 115 Germany: Laser Technology Market Size, by Solid-state Laser, 2019–2028 (USD Million)

Table 116 Germany: Laser Technology Market Size, by Gas Laser, 2019–2028 (USD Million)

Table 117 Germany: Laser Technology Market Size, by Application, 2019–2028 (USD Million)

Table 118 Germany: Laser Technology Market Size, by Laserprocessing, 2019–2028 (USD Million)

Table 119 Germany: Laser Technology Market Size, by Macroprocessing, 2019–2028 (USD Million)

Table 120 Germany: Laser Technology Market Size, by End User, 2019–2028 (USD Million)

Table 121 U.K.: Laser Technology Market Size, by Type, 2019–2028 (USD Million)

Table 122 U.K.: Laser Technology Market Size, by Solid-state Laser, 2019–2028 (USD Million)

Table 123 U.K.: Laser Technology Market Size, by Gas Laser, 2019–2028 (USD Million)

Table 124 U.K.: Laser Technology Market Size, by Application, 2019–2028 (USD Million)

Table 125 U.K.: Laser Technology Market Size, by Laserprocessing, 2019–2028 (USD Million)

Table 126 U.K.: Laser Technology Market Size, by Macroprocessing, 2019–2028 (USD Million)

Table 127 U.K.: Laser Technology Market Size, by End User, 2019–2028 (USD Million)

Table 128 France: Laser Technology Market Size, by Type, 2019–2028 (USD Million)

Table 129 France: Laser Technology Market Size, by Solid-state Laser, 2019–2028 (USD Million)

Table 130 France: Laser Technology Market Size, by Gas Laser, 2019–2028 (USD Million)

Table 131 France: Laser Technology Market Size, by Application, 2019–2028 (USD Million)

Table 132 France: Laser Technology Market Size, by Laserprocessing, 2019–2028 (USD Million)

Table 133 France: Laser Technology Market Size, by Macroprocessing, 2019–2028 (USD Million)

Table 134 France: Laser Technology Market Size, by End User, 2019–2028 (USD Million)

Million)

Table 135 Italy: Laser Technology Market Size, by Type, 2019–2028 (USD Million)

Table 136 Italy: Laser Technology Market Size, by Solid-state Laser, 2019–2028 (USD Million)

Table 137 Italy: Laser Technology Market Size, by Gas Laser, 2019–2028 (USD Million)

Table 138 Italy: Laser Technology Market Size, by Application, 2019–2028 (USD Million)

Table 139 Italy: Laser Technology Market Size, by Laserprocessing, 2019–2028 (USD Million)

Table 140 Italy: Laser Technology Market Size, by Macroprocessing, 2019–2028 (USD Million)

Table 141 Italy: Laser Technology Market Size, by End User, 2019–2028 (USD Million)

Table 142 Spain: Laser Technology Market Size, by Type, 2019–2028 (USD Million)

Table 143 Spain: Laser Technology Market Size, by Solid-state Laser, 2019–2028 (USD Million)

Table 144 Spain: Laser Technology Market Size, by Gas Laser, 2019–2028 (USD Million)

Table 145 Spain: Laser Technology Market Size, by Application, 2019–2028 (USD Million)

Table 146 Spain: Laser Technology Market Size, by Laserprocessing, 2019–2028 (USD Million)

Table 147 Spain: Laser Technology Market Size, by Macroprocessing, 2019–2028 (USD Million)

Table 148 Spain: Laser Technology Market Size, by End User, 2019–2028 (USD Million)

Table 149 Rest of Europe: Laser Technology Market Size, by Type, 2019–2028 (USD Million)

Table 150 Rest of Europe: Laser Technology Market Size, by Solid-state Laser, 2019–2028 (USD Million)

Table 151 Rest of Europe: Laser Technology Market Size, by Gas Laser, 2019–2028 (USD Million)

Table 152 Rest of Europe: Laser Technology Market Size, by Application, 2019–2028 (USD Million)

Table 153 Rest of Europe: Laser Technology Market Size, by Laserprocessing, 2019–2028 (USD Million)

Table 154 Rest of Europe: Laser Technology Market Size, by Macroprocessing, 2019–2028 (USD Million)

Table 155 Rest of Europe: Laser Technology Market Size, by End User, 2019–2028 (USD Million)

Table 156 Latin America: Laser Technology Market Size, by Type, 2019–2028 (USD Million)

Table 157 Latin America: Laser Technology Market Size, by Solid-state Laser, 2019–2028 (USD Million)

Table 158 Latin America: Laser Technology Market Size, by Gas Laser, 2019–2028 (USD Million)

Table 159 Latin America: Laser Technology Market Size, by Application, 2019–2028 (USD Million)

Table 160 Latin America: Laser Technology Market Size, by Laserprocessing, 2019–2028 (USD Million)

Table 161 Latin America: Laser Technology Market Size, by Macroprocessing, 2019–2028 (USD Million)

Table 162 Latin America: Laser Technology Market Size, by End User, 2019–2028 (USD Million)

Table 163 Middle East & Africa: Laser Technology Market Size, by Type, 2019–2028 (USD Million)

Table 164 Middle East & Africa: Laser Technology Market Size, by Solid-state Laser, 2019–2028 (USD Million)

Table 165 Middle East & Africa: Laser Technology Market Size, by Gas Laser, 2019–2028 (USD Million)

Table 166 Middle East & Africa: Laser Technology Market Size, by Application, 2019–2028 (USD Million)

Table 167 Middle East & Africa: Laser Technology Market Size, by Laserprocessing, 2019–2028 (USD Million)

Table 168 Middle East & Africa: Laser Technology Market Size, by Macroprocessing, 2019–2028 (USD Million)

Table 169 Middle East & Africa: Laser Technology Market Size, by End User, 2019–2028 (USD Million)

Table 170 Recent developments, by Company, 2018-2020

List Of Figures

LIST OF FIGURES

- Figure 1 Scope of the Global Laser Technology Market
- Figure 2 Key Stakeholders of the Global Laser Technology Market
- Figure 3 Research Process
- Figure 4 Key Secondary Sources
- Figure 5 Primary Research Techniques
- Figure 6 Key Executives Interviewed
- Figure 7 Market Sizing and Growth Forecast Approach
- Figure 8 Key Insights
- Figure 9 Meticulous Research Estimates: by Type
- Figure 10 Meticulous Research Estimates: by Application
- Figure 11 Meticulous Research Estimates: by End User
- Figure 12 global laser technology MARKET share, by Geography, 2020
- Figure 13 COVID-19 Impact on the Global Laser Technology Market
- Figure 14 Market Dynamics
- Figure 15 Value Chain of Laser Technology Market
- Figure 16 Global Laser Technology Market size, by Type, 2021 Vs. 2028 (USD Million)
- Figure 17 Global Laser Technology Market size, by Solid-state Laser, 2021 Vs. 2028 (USD Million)
- Figure 18 Global Laser Technology Market size, by Gas Laser, 2021 Vs. 2028 (USD Million)
- Figure 19 Global Laser Technology Market size, by Application, 2021 Vs. 2028 (USD Million)
- Figure 20 Global Laser Technology Market size, by Laser Processing, 2021 Vs. 2028 (USD Million)
- Figure 21 Global Laser Technology Market size, by Macroprocessing, 2021 Vs. 2028 (USD Million)
- Figure 22 Global Laser Technology Market size, by End User, 2021 Vs. 2028 (USD Million)
- Figure 23 Global Laser Technology Market size, by Geography, 2021 Vs. 2028 (USD Million)
- Figure 24 Key Adopters of Laser Products (2020)
- Figure 25 Key Growth Strategies Adopted by Leading Players, 2018-2020
- Figure 26 Market Share Analysis, by Leading Players, 2020
- Figure 27 Coherent, Inc.: Financial Overview, 2020
- Figure 28 TRUMPF GmbH + Co. KG: Financial Overview, 2020

Figure 29 IPG Photonics Corporation: Financial Overview, 2020

Figure 30 Han's Laser Technology Industry Group Co., Ltd.: Financial Overview, 2020

Figure 31 Lumentum Holdings Inc.: Financial Overview, 2020

Figure 32 JENOPTIK AG: Financial Overview, 2020

Figure 33 Novanta Inc.: Financial Overview, 2020

Figure 34 LUMIBIRD Group: Financial Overview, 2020

Figure 35 MKS Instruments, Inc.: Financial Overview, 2020

Figure 36 Corning Incorporated: Financial Overview, 2020

Figure 37 Bystronic Laser AG: Financial Overview, 2020

I would like to order

Product name: Laser Technology Market by Type (Solid-State, Liquid, Gas), Application (Laser Processing, Optical Communication), and End User (Telecommunications, Industrial, Semiconductor & Electronics, Automotive, Healthcare) - Global Forecast to 2028

Product link: <https://marketpublishers.com/r/L9488522D881EN.html>

Price: US\$ 4,175.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/L9488522D881EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970