

Gallium Arsenide Market

Market Report | 2025-05-01 | 283 pages | Datastring Consulting

AVAILABLE LICENSES:

- Multi User License \$4200.00

Report description:

Description

The market, for Gallium arsenide was estimated at \$340.8 million in 2024; and it is anticipated to increase to \$759.9 million by 2030 with projections indicating a growth to around \$1.5 billion by 2035. This expansion represents a compound annual growth rate (CAGR) of 14.3% over the forecast period.

Segmentation

To see report segmentation please view the table of contents, or ask us for samples.

Table of Contents:

Chapter 1: Executive Summary - Major Markets & Their Performance - Statistical Snapshots

Chapter 2: Research Methodology

2.1: Axioms & Postulates

2.2: Market Introduction & Research Methodology - Estimation & Forecast Parameters / Major Databases & Sources

Chapter 3: Market Dynamics

3.1: Market Overview - Drivers / Restraints / Opportunities / M4 Factors

3.2: Market Trends

3.2.1: Introduction & Narratives

3.2.2: Market Trends - Impact Analysis (Short, Medium & Long Term Impacts)

3.3: Supply Chain Analysis

3.4: Porter's Five Forces - Suppliers & Buyers' Bargaining Power, Threat of Substitution & New Market Entrants, Competitive Rivalry

Chapter 4: Global Gallium Arsenide Market Size, Opportunities & Strategic Insights, by Product Form

4.1: Wafer

4.2: Powder

4.3: Liquid

Chapter 5: Global Gallium Arsenide Market Size, Opportunities & Strategic Insights, by Application Type

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.1: Semiconductor Devices
- 5.2: Solar Cells
- 5.3: Infrared Optoelectronics
- 5.4: Others

Chapter 6: Global Gallium Arsenide Market Size, Opportunities & Strategic Insights, by Manufacturing Process

- 6.1: Liquid Encapsulated Czochralski
- 6.2: Vertical Gradient Freeze
- 6.3: Bridgman

Chapter 7: Global Gallium Arsenide Market Size, Opportunities & Strategic Insights, by End Use Industry

- 7.1: Electronics
- 7.2: Aerospace
- 7.3: Renewable Energy
- 7.4: Telecommunications
- 7.5: Others

Chapter 8: Global Gallium Arsenide Market Size, Opportunities & Strategic Insights, by Durability

- 8.1: High-Temperature Use
- 8.2: Low-Temperature Use
- 8.3: Radiation Resistant Use

Chapter 9: Gallium Arsenide Market, by Region

9.1: North America Gallium Arsenide Market Size, Opportunities, Key Trends & Strategic Insights

- 9.1.1: U.S.
- 9.1.2: Canada

9.2: Europe Gallium Arsenide Market Size, Opportunities, Key Trends & Strategic Insights

- 9.2.1: Germany
- 9.2.2: France
- 9.2.3: UK
- 9.2.4: Italy
- 9.2.5: The Netherlands
- 9.2.6: Rest of EU

9.3: Asia Pacific Gallium Arsenide Market Size, Opportunities, Key Trends & Strategic Insights

- 9.3.1: China
- 9.3.2: Japan
- 9.3.3: South Korea
- 9.3.4: India
- 9.3.5: Australia
- 9.3.6: Thailand
- 9.3.7: Rest of APAC

9.4: Middle East & Africa Gallium Arsenide Market Size, Opportunities, Key Trends & Strategic Insights

- 9.4.1: Saudi Arabia
- 9.4.2: United Arab Emirates
- 9.4.3: South Africa
- 9.4.4: Rest of MEA

9.5: Latin America Gallium Arsenide Market Size, Opportunities, Key Trends & Strategic Insights

- 9.5.1: Brazil
- 9.5.2: Mexico
- 9.5.3: Rest of LA

9.6: CIS Gallium Arsenide Market Size, Opportunities, Key Trends & Strategic Insights

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

9.6.1: Russia

9.6.2: Rest of CIS

Chapter 10: Competitive Landscape

10.1: Competitive Dashboard & Market Share Analysis

10.2: Company Profiles (Overview, Financials, Developments, SWOT)

10.2.1: Freiburger Compound Materials

10.2.2: AXT

10.2.3: Sumitomo Electric Industries

10.2.4: China Crystal Technologies

10.2.5: Visual Photonics Epitaxy

10.2.6: Shenzhou Crystal Technology

10.2.7: Tianjin Jingming Electronic Materials

10.2.8: Yunnan Germanium

10.2.9: DOWA Electronics Materials

10.2.10: IIVI Incorporated

10.2.11: IQE Technology

10.2.12: WIN Semiconductors

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Gallium Arsenide Market

Market Report | 2025-05-01 | 283 pages | Datastring Consulting

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Multi User License	\$4200.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*		Phone*	
First Name*		Last Name*	
Job title*			
Company Name*		EU Vat / Tax ID / NIP number*	
Address*		City*	
Zip Code*		Country*	
		Date	2026-03-06
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com