

# **3D Printing Gases Market by Type (Argon, Nitrogen), Technology (Stereo lithography, Laser Sintering, Poly-Jet), Storage & Distribution (Cylinder, Merchant Liquid, Tonnage), Function (Insulation, Illumination, Cooling), End User (Design & Manufacturing, Healthcare) - Forecast to 2020**

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## **Abstracts**

“Increasing demand for healthcare to drive the 3D printing/additive manufacturing gases market.”

The 3D printing/additive manufacturing gases market size is estimated to grow USD 26.92 million in 2015 to USD 45,123.29 thousand by 2020, at a CAGR of 10.88 %. The 3D printing/additive manufacturing gases market is driven by factors such as rise in demand for automotive and consumer products in developing countries and the growing healthcare market globally.

“Laser sintering to gain maximum traction during the forecast period.”

The laser sintering segment is projected to be the fastest-growing technology in the next five years. Furthermore, due to growth of the 3D printing/additive manufacturing industry, its gases such as argon, nitrogen, and gas mixtures are extensively used. The 3D printing/additive manufacturing gases market is also projected to witness growth in stereolithography and poly-jet technology during the forecast period.

“North America to gain highest market share during the forecast period.”

The global 3D printing/additive manufacturing gases market is segmented, region-wise,

into North America, Europe, Asia-Pacific, and the Rest of the World (RoW). The RoW region includes Brazil, Argentina, and South Africa. With the convergence of technological advancements, and diversification of 3D printable materials, the market of 3D printing/additive manufacturing gases in North America has taken a huge leap forward. The region is characterized by continuous technical innovations in various segments of the 3D printing/additive manufacturing gases industry, with the presence of some top market players such as Praxair Inc. (U.S.), Air Products and Chemicals Inc. (U.S.), Airgas Incorporated (U.S.), and Advanced Specialty Gases Inc. (U.S.).

#### Breakdown of Primaries:

Primary interviews were conducted with a number of industry experts in order to collect data related to different aspects of the 3D printing/additive manufacturing gases market. Estimates reached after analyzing secondary sources were validated through these interviews. Primary sources include professionals such as 3D printing/additive manufacturing gases manufacturers, distributors, consultants and academic professionals. The following figure provides a breakdown of the type of companies to which the primary sources belong, the number of primaries by designation, and their regional break-up. Distribution of primary interviews is as follows:

By Company Type: Tier 1: 43%; Tier 2: 33%; Tier 3: 24%

By Designation: C-level: 35%; Director level: 25%; Others: 40%

By Region: North America: 30%; Europe: 15%; Asia-Pacific: 20%; RoW: 35%

Others include sales managers, marketing managers, and product managers.

Note: The tier of the companies is defined on the basis of their total revenue, as of 2013.

Tier 1: Revenue > USD 10 billion; Tier 2: USD 1 billion > Revenue > USD 100 million; Tier 3: Revenue < USD 100 million

The various key 3D Printing/Additive Manufacturing gases providers profiled in the report are as follows:

1. BASF SE (Germany)
2. Linde Ag (Germany)

3. Air Liquide S.A. (France)
4. Praxair Inc. (U.S.)
5. Air Products and Chemicals, Inc. (U.S.)
6. Iwatani Corporation (Japan)
7. Airgas Inc. (U.S.)
8. Matheson Tri-Gas Inc. (U.S.)
9. Messer Group (Germany)
10. Iceblick Ltd. (Ukraine)

The report will help the market leaders/new entrants in this market in the following ways:

1. This report segments the 3D printing/additive manufacturing gases market comprehensively and provides the closest approximations of the revenue numbers for the overall market and the subsegments across the different verticals and regions.
2. The report helps stakeholders to understand the market and provides them information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to better understand their competitors and gain more insights to their position in the business. The competitive landscape section includes new product developments, agreements, partnerships and joint ventures, and mergers & acquisitions.

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