

US Tantalum Market Size study, by Product (Metal, Carbide, Powder, Alloys, Other Product Forms) by Application (Capacitors, Semiconductors, Engine Turbine Blades, Chemical Processing Equipment, Medical Equipment, Other Applications) and Forecasts 2022-2032

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Abstracts

US Tantalum Market is valued at approximately USD 51.37 million in 2023 and is anticipated to grow with a healthy growth rate of more than 4.92% over the forecast period 2024-2032. Tantalum is a rare and robust chemical element with a distinctive blue-gray luster, boasts exceptional corrosion resistance. Its versatility is showcased in various applications such as capacitors, semiconductors, engine turbine blades, chemical processing equipment, and medical devices, and others. In the United States, there is a growing interest in tantalum recycling technology due to an emphasis on sustainability and resource conservation. In addition to assisting in meeting demand, recycling lessens its negative effects on the environment and advances the ideas of the circular economy. Accordingly, the growing focus on sustainability and resource conservation is a key trend for the that is supporting the growth of the US Tantalum Market.

The US is a global leader in both defense and aerospace industries, which are significant consumers of tantalum. Tantalum's high melting point and good heat resistance make it ideal for jet engine components, missiles, and other military applications. This strong domestic demand is a major driver for the US tantalum market. Also, the thriving electronics sector, including the production of smartphones, laptops, tablets, and other consumer electronics, drives significant demand for tantalum capacitors and components. According to Statista, it is projected that the retail revenue

from consumer electronics sales in the United States is accounted for USD 505 billion in 2022, which is an increase from USD 442 billion in 2020. Accordingly, the surge in demand for consumer electronics is exhibiting a direct influence on the US Tantalum Market. Moreover, the ongoing advancements in tantalum extraction, processing techniques, and recycling methods contribute to improved efficiency and cost-effectiveness, driving market growth during the estimated period. There is a growing focus on tantalum recycling in the US, driven by both economic and environmental considerations. This could help reduce dependence on virgin tantalum and potentially moderate long-term demand. Additionally, research into alternative materials with similar properties could emerge as a future competitor to tantalum in specific applications. However, fluctuation in prices of tantalum, coupled with the several harmful impacts of tantalum is expected to restricts US Tantalum Market growth between 2022 and 2032.

Major market player included in this report are:

KEMET Corporation

AVX Corporation

Tantalus Systems Corp

Company 4

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Product

Metal

Carbide

Powder

Alloys

Other Product Forms

By Application

Capacitors
Semiconductors
Engine Turbine Blades
Chemical Processing Equipment
Medical Equipment
Other Applications

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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