

Thermal Analysis Market by Product (DSC, TGA, STA, DTA, TMA, DMA, Pressure Differential Scanning Calorimetry), Functionality (Single, Simultaneous), End User (Pharma-Biotech Co, Food Processing Co, Petrochemical Co, Academia) - Global Forecast to 2022

<https://marketpublishers.com/r/T148C98C31AEN.html>

Date: November 2017

Pages: 152

Price: US\$ 5,650.00 (Single User License)

ID: T148C98C31AEN

Abstracts

“The thermal analysis market projected to grow at a CAGR of 4.6% during the forecast period”

The global thermal analysis market is projected to reach USD 640.7 million by 2022 from USD 511.5 million in 2017, at a CAGR of 4.6%. The major factors driving the growth of the thermal analysis market include the increasing production of crude and shale oil, growing research activities in major end-user segments, and patent expiry of blockbuster drugs and biomolecules. However, high instrument and maintenance costs are expected to restrain the growth of this market to a certain extent during the forecast period.

“The simultaneous thermal analyzers segment is expected to grow at the highest rate during the forecast period”

On the basis of product, the market is categorized into differential scanning calorimetry analyzers, thermogravimetric analyzers, simultaneous thermal analyzers, differential thermal analyzers, thermomechanical analyzers, dynamic mechanical analyzers, and other thermal analyzers. The simultaneous thermal analyzers market is expected to grow at the highest CAGR during the forecast period. The improved productivity and simplified interpretation of the analysis of the samples using the simultaneous thermal

analyzers are expected to support the growth of this market.

“Single-functionality analyzers segment accounted for the largest share of thermal analysis market”

By functionality, the market is segmented single-functionality analyzers and simultaneous-functionality analyzers. The single-functionality analyzers segment is expected to account the largest share of thermal analysis market during the forecast period. The large share of this segment is attributed to the increasing research activities amongst major end users, patent expiry of blockbuster drugs and biomolecules, stringent of food and product safety regulations, and the increasing number of R&D activities across emerging markets.

“The APAC market is expected to grow at the highest CAGR during the forecast period”

Geographically, the thermal analysis market is segmented into North America, Europe, Asia Pacific (APAC), and the rest of the world. The APAC market is expected to register the highest growth rate during the forecast period. Growth of the chemical, material, and pharma-biotech sectors in India, China, and Japan (coupled with increased regulatory compliance for cGMP in India & China); international conferences in Japan, and developments in biomedical industrial setups in Singapore are some factors driving the growth of the APAC thermal analysis market.

Breakdown of supply-side primary interviews:

By Company Type - Tier 1 – 25%, Tier 2 – 30% and Tier 3 – 45%

By Designation - C-level – 26%, Director level – 30%, Others – 44%

By Region - North America - 34%, Europe – 26%, APAC – 23%, RoW – 17%

The major players in the market included are Waters (US), NETZSCH (Germany), LINSEIS (Germany), Mettler-Toledo (US), PerkinElmer (US), SETARAM (France), and Shimadzu (Japan).

RESEARCH COVERAGE

This report studies the thermal analysis market based on product, functionality, end user, and region. The report also studies factors (such as drivers, restraints, opportunities, and challenges) affecting market growth. It analyzes opportunities and challenges in the market and provides details of the competitive landscape for market leaders. Furthermore, the report analyzes micromarkets with respect to their individual growth trends and forecasts the revenue of the market segments with respect to four main regions and respective countries.

REASONS TO BUY THE REPORT:

This report focuses on various levels of analysis—industry trends, market ranking of top players, and company profiles, which together form basic views and analyze the competitive landscape, emerging segments of the thermal analysis market, and high-growth regions and their drivers, restraints, challenges, and opportunities. The report will help both established firms as well as new entrants/smaller firms to gauge the pulse of the market and garner greater market shares.

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