

Global Differential Scanning Calorimetry Market Size study, By Product Type (Heat flux DSC, Power compensated DSC, Modulated DSC, Hyper DSC, Pressure DSC), By Applications (Oxidative stability, Drug Analysis, Chemical Analysis, Polymer properties determination, Food Science), By End User (Pharmaceutical Industry, Polymer Industry, Food Industry, Chemical Industry, Research Organizations), and Regional Forecasts 2022-2028

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Abstracts

Global Differential Scanning Calorimetry Market is valued approximately USD XX million in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2028. The Differential Scanning Calorimetry can be defined as a thermal analysis technique in which the sample is exposed to a controlled temperature environment, the heat flow into or out of the sample is measured relative to temperature or time. This technique is utilized for determination of critical data related to different products across various industries such as industries including the pharmaceutical industry, food science Chemical and polymer industry among others. The growing pharmaceuticals industry and increasing end use applications of scanning calorimetry techniques as well as recent product launches from leading market players are accelerating the global market demand. For instance, according to Statista – as of 2022, revenue in the global pharmaceuticals market is valued at USD 1,110 billion, and this amount is projected to grow at CAGR of 5.94% between 2022 & 2026 to reach to a market volume of USD 1,398 billion by end of 2026. Furthermore, leading market players are coming up with innovative products to capitalize the increasing demand for differential scanning calorimeter. For instance, in March 2020, Delaware, USA based

provider of material characterization instruments, TA Instruments launched a new calorimeter to its Discovery™ Differential Scanning Calorimeter (DSC) suite. The company launched Discovery X3 DSC calorimeter. This new product features patented Fusion Cell™ and Tzero™ technologies and can perform up to three samples simultaneously. Also, growing research & development investment across end use industries and rising chemical industry in emerging economies are anticipated to act as a catalyzing factor for the market demand during the forecast period. However, dearth of skilled professionals impedes the growth of the market over the forecast period of 2022-2028.

The key regions considered for the global Differential Scanning Calorimetry Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the growing demand from research institutes and industrial laboratories and presence of leading market players in the region. Whereas, Asia Pacific is anticipated to exhibit a significant growth rate over the forecast period 2022-2028. Factors such as increasing demand from end use industries and rising penetration of leading market players in the region, would create lucrative growth prospects for the global Differential Scanning Calorimetry Market across the Asia Pacific region.

Major market players included in this report are:

TA Instruments

Intertek Group plc

Mettler-Toledo

Malvern

PerkinElmer, Inc.

Shanghai Innuo

Rigaku

Netzsch

Hitachi

Stress Engineering Services, Inc.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest

along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product Type:

Heat flux DSC

Power compensated DSC

Modulated DSC

Hyper DSC

Pressure DSC

By Applications:

Oxidative stability

Drug Analysis

Chemical Analysis

Polymer properties determination

Food Science

By End User:

Pharmaceutical Industry

Polymer Industry

Food Industry

Chemical Industry

Research Organizations

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020
Base year – 2021
Forecast period – 2022 to 2028

Target Audience of the Global Differential Scanning Calorimetry Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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