

Implant Sciences Corp. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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Abstracts

Implant Sciences Corp. Fundamental Company Report provides a complete overview of the company's affairs. All available data is presented in a comprehensive and easily accessed format. The report includes financial and SWOT information, industry analysis, opinions, estimates, plus annual and quarterly forecasts made by stock market experts. The report also enables direct comparison to be made between Implant Sciences Corp. and its competitors. This provides our Clients with a clear understanding of Implant Sciences Corp. position in the [Computers and Electronic Equipment](#) Industry.

The report contains detailed information about Implant Sciences Corp. that gives an unrivalled in-depth knowledge about internal business-environment of the company: data about the owners, senior executives, locations, subsidiaries, markets, products, and company history.

Another part of the report is a SWOT-analysis carried out for Implant Sciences Corp.. It involves specifying the objective of the company's business and identifies the different factors that are favorable and unfavorable to achieving that objective. SWOT-analysis helps to understand company's strengths, weaknesses, opportunities, and possible threats against it.

The Implant Sciences Corp. financial analysis covers the income statement and ratio trend-charts with balance sheets and cash flows presented on an annual and quarterly basis. The report outlines the main financial ratios pertaining to profitability, margin analysis, asset turnover, credit ratios, and company's long-

term solvency. This sort of company's information will assist and strengthen your company's decision-making processes.

In the part that describes Implant Sciences Corp. competitors and the industry in whole, the information about company's financial ratios is compared to those of its competitors and to the industry. The unique analysis of the market and company's competitors along with detailed information about the internal and external factors affecting the relevant industry will help to manage your business environment. Your company's business and sales activities will be boosted by gaining an insight into your competitors' businesses.

Also the report provides relevant news, an analysis of PR-activity, and stock price movements. The latter are correlated with pertinent news and press releases, and annual and quarterly forecasts are given by a variety of experts and market research firms. Such information creates your awareness about principal trends of Implant Sciences Corp. business.

About Implant Sciences Corp.

Implant Sciences Corporation engages in the development, manufacture, and sale of sensors and systems for the security, safety, and defense (SS&D) industries. The company offers its products in the United States and China.

The company has developed proprietary technologies used in explosives trace detection (ETD) applications; and markets and sells handheld and bench-top ETD systems that use its proprietary ETD technologies. Its products are marketed and sold to various locations domestically and internationally. These systems are used by private companies and government agencies to screen baggage, cargo, vehicles, other objects, and people for the detection of trace amounts of explosives.

Products

The company offers various explosives detection systems designed for use in aviation and transportation security, high threat facilities and infrastructure, military installations, customs and border protection, and mail and cargo screening. The systems use its proprietary Quantum Sniffer technologies, including photon-based, non-radioactive ion source in combination with ion mobility spectrometry, a detection tool sensitive to the speeds with which ions of various substances move through the air (IMS) to

electronically detect minute quantities of explosives vapor and particles. The company develops mass sensor systems to detect and analyze chemical compounds for the homeland defense, forensic, environmental, and safety/security markets.

Products

Quantum Sniffer QS-H150 Portable Explosives Detector

The Quantum Sniffer QS-H150 Portable Explosives Detector employs a patented vortex collector for the simultaneous detection of explosives particulates and vapors with or without physical contact and in real-time. The QS-HS150 can detect vapors and nanogram quantities of explosives particulates for various explosives substances considered to be threats. Such substances include military and commercial explosives, improvised and homemade explosives, and propellants and taggants. The QS-H150 has automatic and continuous self-calibration. It monitors its environment, senses changes that would affect its accuracy, and re-calibrates accordingly. When detecting a threat substance, the QS-H150 alarms.

Quantum Sniffer QS-B200 Benchtop Explosives Detector

The QS-B200 Benchtop Explosives Detector uses dual IMS with non radioactive ionization for the detection and identification of a range of military, commercial, and improvised explosives. The QS-B200 has automatic and continuous self-calibration. It monitors its environment, senses changes that would affect its accuracy, and re-calibrates accordingly. For detection, the sample is collected with a standard trap, ionized, and analyzed via IMS. The presence of a threat is indicated by a visible and audible alarm, and the substance is identified and displayed on the integrated touch screen display. Users may save data locally, print via a built-in thermal printer, or send data through standard interfaces, such as USB and LAN.

Products under Development

Quantum Sniffer QS-H300 Air Cargo Screening System

The company has developed a hand sampler detector that utilizes its proprietary jetted vortex collector for non-contact collection of trace particulate materials.

Miniature Mass Spectrometer

The company initially developed its own proprietary ion mobility spectrometer (IMS). It also holds miniaturized quadrupole mass spectrometry (QMS) detector technology. The QMS detector is approximately in the size of an AA battery. When used in conjunction with an IMS, the QMS detector senses the molecular weight of the chemical species resulting in an 'orthogonal' detection method in which a fundamental characteristic of a substance is measured. The company is developing interfaces for integrating the QMS detector into its future products.

Hyphenated Detectors

The company is developing hyphenated systems employing conventional ion mobility, differential mobility and mass spectrometry for the U.S. Department of Homeland Security (DHS).

Competition

In the trace explosives detection industry, the company's competitors include General Electric (GE Security) and Smiths Detection.

History

Implant Sciences Corporation was founded in 1984.

The above Company Fundamental Report is a half-ready report and contents are subject to change.

It means that we have all necessary data in our database to prepare the report but need **2-3 days** to complete it. During this time we are also updating the report with respect to the current moment. So, you can get all the most recent data available for the same price. Please note that preparation of additional types of analyses requires extra time.

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1 – Data availability depends on company's security policy.

2 – These sections are available only when you purchase a report with appropriate additional types of analyses.
The complete financial data is available for publicly traded companies.

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ANALYSIS FEATURES

SWOT Analysis

SWOT, which stands for Strengths, Weaknesses, Opportunities and Threats, is an analytical framework that identifies the internal and external factors that are favorable and unfavorable for a company.

Enhanced SWOT Analysis

Enhanced SWOT is a 3x3 grid that arranges strengths, weaknesses, opportunities and threats into one scheme:

How to use the strengths to take advantage of the opportunities?

How to use the strengths to reduce likelihood and impact of the threats?

How to overcome the weaknesses that obstruct taking advantage of the opportunities?

How to overcome the weaknesses that can make the threats a reality?

Upon answering these questions a company can develop a project plan to improve its business performance.

PESTEL Analysis

PESTEL (also termed as PESTLE) is an ideal tool to strategically analyze what influence different outside factors – political, economic, sociocultural, technological, environmental and legal – exert on a business to later chart its long term targets.

Being part of the external analysis when carrying out a strategic assessment or performing a market study, PESTEL gives an overview of diverse macro-environmental factors that any company should thoughtfully consider. By perceiving these outside environments, businesses can maximally benefit from the opportunities while minimizing the threats to the organization.

Key Factors Examined by PESTEL Analysis:

Political – What opportunities and pressures are brought by political bodies and what is the degree of public regulations' impact on the business?

Economic – What economic policies, trends and structures are expected to affect the organization, what is this influence's degree?

Sociological – What cultural and societal aspects will work upon the demand for the business's products and operations?

Technological – What impact do the technological aspects, innovations, incentives and barriers have on the organization?

Environmental – What environmental and ecological facets, both locally and farther afield, are likely to predetermine the business?

Legal – What laws and legislation will exert influence on the style the business is carried out?

IFE, EFE, IE Matrices

The Internal Factor Evaluation matrix (IFE matrix) is a strategic management tool helping audit or evaluate major weaknesses and strengths in a business's functional areas. In addition, IFE matrix serves as a basis for identifying and assessing relationships amongst those areas. The IFE matrix is utilised in strategy formulation.

The External Factor Evaluation matrix (EFE matrix) is a tool of strategic management that is typically utilised to assess current market conditions. It is an ideal instrument for visualising and prioritising the threats and opportunities a firm is facing.

The essential difference between the above mentioned matrices lies in the type of factors incorporated in the model; whilst the latter is engaged in internal factors, the former deals exceptionally with external factors – those exposed to social, political, economic, legal, etc. external forces.

Being a continuation of the EFE matrix and IFE matrix models, the Internal External matrix (IE matrix) rests upon an investigation of external and internal business factors

integrated into one suggestive model.

Porter Five Forces Analysis

The Porter's five forces analysis studies the industry of operation and helps the company find new sources of competitive advantage. The analysis surveys an industry through five major questions:

What composes a threat of substitute products and services?

Is there a threat of new competitors entering the market?

What is the intensity of competitive rivalry?

How big is the bargaining power of buyers?

How significant is the bargaining power of suppliers?

VRIO Analysis

VRIO stands for Value, Rarity, Imitability, Organization. This analysis helps to evaluate all company's resources and capabilities and bring them together into one aggregate table that includes:

Tangible resources

Financial

Physical

Technological

Organizational

Intangible resources

Human

Innovation and Creativity

Reputation

Organizational capabilities

The result of the analysis gives a clear picture of company's competitive and economic implications, answering the questions if the resources mentioned above are:

Valuable?

Rare?

Costly to imitate?

Organized properly?

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