

Advanced Refractive Technologies Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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Abstracts

Advanced Refractive Technologies Inc. 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 Advanced Refractive Technologies Inc. and its competitors. This provides our Clients with a clear understanding of Advanced Refractive Technologies Inc. position in the Industry.

The report contains detailed information about Advanced Refractive Technologies Inc. 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 Advanced Refractive Technologies Inc.. 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 Advanced Refractive Technologies Inc. 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 Advanced Refractive Technologies Inc. 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 Advanced Refractive Technologies Inc. business.

About Advanced Refractive Technologies Inc.

Advanced Refractive Technologies, Inc. (ART), a medical device company, engages in the development marketing and of ophthalmic surgery products for use in the laser eye surgery and cataract surgery markets.

Products

Waterjet Technology and Products under Development

Waterjet technology is a method for precision cutting of materials in various industrial applications. Water jets use the high pressure beam of water exiting the orifice to cut various materials, including tile, wood, plastic, metal, and stone. In general, industrial applications of waterjet technology are used in place of a laser or other device.

The technology uses a pneumatic-hydraulic pressure intensifier to produce a collimated high pressure water beam that is approximately the diameter of a human hair. This self-cleaning, eversharp 'hydro-laser' can cut through tissue at 12mm (.5 inch) per second.

The hydraulics are controlled by an embedded central processing unit with displays, gauges, controls, aspiration and irrigation fluidics familiar to ophthalmic surgeons.

ART is developing two ophthalmic surgical products utilizing its proprietary waterjet technology. The first is Accupulse, a device that uses pulsed waterjet technology to remove cataracts, and the second is Hydrokeratome, a device that uses a high-pressure micro beam of water to cut a corneal flap during LASIK surgery.

Accupulse Cataract Emulsifier: The Accupulse Cataract Emulsifier is an emulsification device designed for the removal of the cataractous human crystalline lens in the eye, a procedure before installing a new intraocular lens (IOL). The device creates a pulsating stream of saline solution, and the impact from the pulsating fluid emulsifies the cataractous human lens and breaks the lens into small pieces. The Accupulse simultaneously aspirates the emulsified tissue and removes it from the interior of the eye.

Hydrokeratome Corneal Cutting Device: The HydroKeratome is a corneal cutting device for use in the LASIK procedure. The HydroKeratome works by using a high-pressure micro beam of water to force a blunt dissection of tissue in the path of the water beam. The HydroKeratome uses an embedded CPU controlled pneumatic-hydraulic pressure intensifier to make the corneal flap. The HydroKeratome is designed to address various problems that are common with mechanical 'blade' microkeratomes, such as poor visualization, inconsistent thickness of flaps, hazing, loose flaps, off center cuts, and lashes caught in gears.

Marketing

The Company plans to distribute its products internationally through a series of agreements with distribution companies in major countries that handle other American and European manufactured ophthalmic products.

Competition

The Company identifies competition from companies that manufacture and or supply microkeratomes including Bausch & Lomb, Moria, Advanced Medical Optics, VISX, Alcon, LaserSight, and Nidek. The Company also identifies competition from, Intralase which has developed and markets a device for creating a corneal flap utilizing laser technology.

Acquisitions

In December 2005, the Company acquired OptiMetrix Technologies, Inc. (OTI), a wholly owned subsidiary of UTEK Corporation (UTEK). OTI owns technology licensed from Los Alamos National Laboratory (LANL), operated by the University of California for the National Security Administration of the U.S. Department of Energy. The technology is designed to determine optical aging, optical metrics and the presence of cataracts and other optical diseases.

History

Advanced Refractive Technologies, Inc. was incorporated in 1996.

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 3×3 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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