

Teradyne Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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Abstracts

Teradyne 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 Teradyne Inc. and its competitors. This provides our Clients with a clear understanding of Teradyne Inc. position in the [Semiconductor](#) Industry.

The report contains detailed information about Teradyne 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 Teradyne 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 Teradyne 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 Teradyne 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 Teradyne Inc. business.

About Teradyne Inc.

In FY 2016 Teradyne's revenue increased by 6.96% to USD 1,753.3 million compared to the previous year. Its Gross profit also grew from USD 915.6 million in 2015 to USD 959.6 million in 2016 (up 4.69%). Operating income and net income decreased by 124,79% and 120,87% respectively.

Teradyne, Inc. engages in the design, development, manufacture, and sale of automatic test systems and solutions used to test complex electronics in the consumer electronics, automotive, computing, telecommunications, and aerospace and defense industries.

Products and Services

The company's automatic test equipment products and services include semiconductor test (Semiconductor Test) systems; and military/aerospace (Mil/Aero) test instrumentation and systems, hard disk drive test (HDD) systems, circuit-board test and inspection (Commercial Board Test) systems, and automotive diagnostic and test (Diagnostic Solutions) systems.

Semiconductor Test

The company designs, manufactures, sells, and supports semiconductor test products and services on a worldwide basis. The test systems the company provides are used both for wafer level and device package testing. These chips are used in automotive, communications, consumer, computer, and electronic game applications.

The company's FLEX Test Platform architecture advances its core technologies to produce test equipment that is designed for multi-site testing. Multi-site testing involves the simultaneous testing of various devices and functions in parallel. The FLEX Test Platform architecture addresses customer requirements through the following key capabilities: a multi-site architecture that eliminates tester overhead, such as instrument setup, synchronization and data movement, and signal processing; the IG-XL software operating system which provides program development, including instant conversion from single to multi-site test; and technology coverage by instruments designed to cover the range of test parameters, coupled with a Universal Slot test head design that allows test system reconfiguration to address changing test needs.

The company's J750 test system shares the IG-XL software environment with the family of FLEX Test Platform systems. The J750 is designed to address the highest volume semiconductor devices, such as microcontrollers that are central to the functionality of almost every consumer electronics product, from small appliances to automotive engine controllers. The company extended the J750 platform technology to create the IP750 Image Sensor test system. The IP750 is focused on testing image sensor devices used in digital cameras and other imaging products. The J750 platform has an installed base of approximately 2,900 systems.

The company's product offerings also include the Magnum test platform. The Magnum products address the requirements of mass production test of memory devices, such as flash memory and dynamic random access memory (DRAM). Flash and DRAM memory are used core building blocks in modern electronic products finding wide application in consumer, industrial, and computing equipment. Magnum II is the newest member of the family. The Magnum platform has an installed base of approximately 700 systems.

The company's product offerings also include the ETS platform. The ETS platform is used by semiconductor manufacturers and assembly and test subcontractors, primarily in the low pin count analog/mixed signal discrete markets that cover cost sensitive applications. Its proprietary SmartPin technology enables multiple semiconductor devices to be tested simultaneously, or in parallel, on an individual test system.

Semiconductors tested by its systems are incorporated into a range of products in historically high-growth markets, including digital cameras, MP3 players, cellular telephones, video/multimedia products, automotive electronics, computer peripherals, and notebook and desktop computers. The ETS platform has an installed base of approximately 1,900 systems.

Systems Test Group

The Systems Test Group segment comprises four business units: Mil/Aero, Hard Disk Drive, Commercial Board Test, and Diagnostic Solutions.

Mil/Aero

The test solutions include systems, instruments and software solutions that manufacturers and repair depots depend on to ensure the readiness of commercial and military electronic systems. It provides test instrumentation and systems with performance suited to the demands of military/aerospace

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.

Contents

RESEARCH METHODOLOGY

DISCLAIMER

1. TERADYNE INC. COMPANY PROFILE

- 1.1. Key facts
- 1.2. Financial Performance
- 1.3. Key Executives
- 1.4. Ownership and Major Holders
- 1.5. Company History

2. TERADYNE INC. BUSINESS OVERVIEW

- 2.1. Business Description
- 2.2. Major Products and Services
- 2.3. Markets and Sales Activities
- 2.4. Locations, Subsidiaries, Operating Units

3. TERADYNE INC. SWOT ANALYSIS

- 3.1. Overview
- 3.2. Strengths
- 3.3. Weaknesses
- 3.4. Opportunities
- 3.5. Threats

4. TERADYNE INC. FINANCIAL ANALYSIS

- 4.1. Financial Statements
 - 4.1.1. Income Statement
 - 4.1.2. Balance Sheet
 - 4.1.3. Cash Flow
- 4.2. Financial Ratios
 - 4.2.1. Profitability
 - 4.2.2. Margin Analysis

- 4.2.3. Asset Turnover
- 4.2.4. Credit Ratios
- 4.2.5. Long-Term Solvency
- 4.2.6. Growth Over Prior Year
- 4.2.7. Financial Ratios Charts
- 4.3. Stock Market Snapshot

5. TERADYNE INC. COMPETITORS AND INDUSTRY ANALYSIS

- 5.1. Teradyne Inc. Direct Competitors
- 5.2. Comparison of Teradyne Inc. and Direct Competitors Financial Ratios
- 5.3. Comparison of Teradyne Inc. and Direct Competitors Stock Charts
- 5.4. Teradyne Inc. Industry Analysis
 - 5.4.1. Semiconductor Industry Snapshot
 - 5.4.2. Teradyne Inc. Industry Position Analysis

6. TERADYNE INC. NEWS & EVENTS

- 6.1. News & PR Activity Analysis
- 6.2. IR Corporate News
- 6.3. Marketing News
- 6.4. Corporate Events

7. TERADYNE INC. EXPERTS REVIEW¹

- 7.1. Experts Consensus
- 7.2. Experts Revisions

8. TERADYNE INC. ENHANCED SWOT ANALYSIS²

9. UNITED STATES PESTEL ANALYSIS²

- 9.1. Political Factors
- 9.2. Economic Factors
- 9.3. Social Factors
- 9.4. Technological Factors
- 9.5. Environmental Factors
- 9.6. Legal Factors

10. TERADYNE INC. IFE, EFE, IE MATRICES²

- 10.1. Internal Factor Evaluation Matrix
- 10.2. External Factor Evaluation Matrix
- 10.3. Internal External Matrix

11. TERADYNE INC. PORTER FIVE FORCES ANALYSIS²

12. TERADYNE INC. VRIO ANALYSIS²

APPENDIX: RATIO DEFINITIONS

LIST OF FIGURES

Teradyne Inc. Annual Revenues in Comparison with Cost of Goods Sold and Gross Profit
Profit Margin Chart
Operating Margin Chart
Return on Equity (ROE) Chart
Return on Assets (ROA) Chart
Debt to Equity Chart
Current Ratio Chart
Teradyne Inc. 1-year Stock Charts
Teradyne Inc. 5-year Stock Charts
Teradyne Inc. vs. Main Indexes 1-year Stock Chart
Teradyne Inc. vs. Direct Competitors 1-year Stock Charts
Teradyne Inc. Article Density Chart

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.

List Of Tables

LIST OF TABLES

Teradyne Inc. Key Facts
Profitability
Management Effectiveness
Income Statement Key Figures
Balance Sheet Key Figures
Cash Flow Statement Key Figures
Financial Performance Abbreviation Guide
Teradyne Inc. Key Executives
Teradyne Inc. Major Shareholders
Teradyne Inc. History
Teradyne Inc. Products
Revenues by Segment
Revenues by Region
Teradyne Inc. Offices and Representations
Teradyne Inc. SWOT Analysis
Yearly Income Statement Including Trends
Income Statement Latest 4 Quarters Including Trends
Yearly Balance Sheet Including Trends
Balance Sheet Latest 4 Quarters Including Trends
Yearly Cash Flow Including Trends
Cash Flow Latest 4 Quarters Including Trends
Teradyne Inc. Profitability Ratios
Margin Analysis Ratios
Asset Turnover Ratios
Credit Ratios
Long-Term Solvency Ratios
Financial Ratios Growth Over Prior Year
Teradyne Inc. Capital Market Snapshot
Teradyne Inc. Direct Competitors Key Facts
Direct Competitors Profitability Ratios
Direct Competitors Margin Analysis Ratios
Direct Competitors Asset Turnover Ratios
Direct Competitors Credit Ratios
Direct Competitors Long-Term Solvency Ratios
Semiconductor Industry Statistics

Teradyne Inc. Industry Position
Company vs. Industry Income Statement Analysis
Company vs. Industry Balance Sheet Analysis
Company vs. Industry Cash Flow Analysis
Company vs. Industry Ratios Comparison
Teradyne Inc. Consensus Recommendations¹
Analyst Recommendation Summary¹
Price Target Summary¹
Experts Recommendation Trends¹
Revenue Estimates Analysis¹
Earnings Estimates Analysis¹
Historical Surprises¹
Revenue Estimates Trend¹
Earnings Estimates Trend¹
Revenue Revisions¹

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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