

# **Inkjet Heads: Market Research Report**

https://marketpublishers.com/r/I7CE486A42FEN.html

Date: September 2011

Pages: 355

Price: US\$ 4,500.00 (Single User License)

ID: I7CE486A42FEN

# **Abstracts**

This report analyzes the worldwide markets for Inkjet Heads in US\$ Million by the following end-use applications: Consumer Applications (include Photo Retail and Small Office and Home Office (SOHO)), and Industrial Applications (includes wide format graphics, printing/manufacturing/microdispensing, and large companies).

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, The Middle East, and Latin America.

Annual estimates and forecasts are provided for the period 2009 through 2017.

Also, a six-year historic analysis is provided for these markets.

The report profiles 26 companies including many key and niche players such as Brother International Corp., Canon, Inc., Eastman Kodak Company, FUJIFILM Dimatix, Inc., Hewlett-Packard Company, Lexmark International, Inc., Memjet Technology, Olivetti S.p.A, Ricoh Printing Systems America, Inc., Samsung Electro-Mechanics, Seiko Epson Corp., STMicroelectronics, Toshiba TEC Corporation, Trident Industrial Inkjet, and Xaar PLC.

Market data and analytics are derived from primary and secondary research.

Company profiles are mostly extracted from URL research and reported select online sources.



# **Contents**

# 1. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations
Disclaimers
Data Interpretation & Reporting Level
Quantitative Techniques & Analytics
Product Definitions and Scope of Study
Non-Disposable Inkjet Heads
Disposable Inkjet Heads

### 2.INDUSTRY OVERVIEW

Inkjet Printheads: The Largest Selling MEMS Device

**Table 1.** Global MEMS Market by Segment (2010 & 2011): Percentage Breakdown of Value Sales for Inkjet Heads, Pressure Sensors, Accelerometers, Gyroscopes, Microfluidics for IVD, Projection Systems, and Others (includes corresponding Graph/Chart)

**Table 2.** Global MEMS Market by Segment (2010 & 2011): Percentage Breakdown of Unit Sales for Accelerometers, RF MEMS, Inkjet Heads, Microphones, Pressure Sensors, Digital Compass, and Others (includes corresponding Graph/Chart)

A Prelude to the Inkjet Heads Market
Applications of Inkjet Technology
Printing

Dispensing/Deposition

Manufacturing

Others

Applications of Inkjet Technology Gaining Popularity

Digital Imaging - A Major Growth Driver

Growth Opportunities Aplenty, with Applications Expanding Beyond Printing Inkjet Technology in Printed Electronics: A Distant Reality with Immense Potential The US Dominates Inkjet Heads Market, Asia-Pacific to Spearhead Growth



**Table 3.** Global Inkjet Heads Market - Growth Potential by Region (2009-2017): Percentage Growth of Value Sales for Asia-Pacific, Latin America, Middle East, Europe, Canada, Japan, United States (includes corresponding Graph/Chart)

Consumer Market Leads Inkjet Heads Applications
Industrial Applications to Witness Faster Growth
Technological Advantages Drive Inkjet's Popularity in Manufacturing
Major Benefits of Inkjet Technology in a Nut Shell
Inability to Replace Existing Process: A Major Hindrance
Print Heads Make a Mark in Digital Textile Printing Industry
Advantages of Adopting Inkjet Technology for PCB Processing
Non-Disposable Inkjet Heads Fast Replacing Disposable Inkjet heads

#### 3.COMPETITION

Global Inkjet Heads – A Highly Consolidated Market

**Table 4.** Global Inkjet Heads Market by Leading Players (2010): Market Share Breakdown of Value Sales for Hewlett-Packard, Lexmark, Seiko Epson, Canon, and Others (includes corresponding Graph/Chart)

### 4.TECHNOLOGICAL DEVELOPMENTS IN THE INKJET HEAD SPACE

Hewlett Packard's Scalable Printing Technology Electrohydrodynamic Inkjet Printhead from Nano Micro-Systems Laboratory The Tonejet Digital Printing Technology

### **5.PRODUCT OVERVIEW**

Evolution of the Inkjet Technology

An Introduction to Inkjet Heads

Ink Chemistry and Formulations: An Important Facet of Print Head Design

Nozzle: A Vital Component of Print Head Design

Techniques to Manufacture MEMS Parts of an Inkjet Head

Disposable and Non-Disposable Inkjet Heads

Non-Disposable Inkjet Heads

Disposable Inkjet Heads

Inkjet Head Ejection Technologies - Continuous and Drop-On-Demand (DOD) Inkjet



**Technologies** 

Continuous Inkjet Technology

Binary and Multiple Deflection Systems

Drop-On-Demand (DOD) Inkjet Technology

Thermal Drop-On-Demand (DOD) Inkjet Heads

Functional Mechanism of the Thermal Inkjet Head

Advantages and Disadvantages of Thermal DOD Inkjet Heads

Advantages of Thermal Inkjet

Electrostatic DOD Inkjet Heads

Piezoelectric DOD inkjet heads

Mechanism of Drying Ink by Printhead Type

Overview of Inkjet Technologies in Textile Printing

CIJ Systems

DoD Systems

Market Review

Select Digital Textile Printers and Piezo DoD Print Heads Available in the Market

### **6.PRODUCT INTRODUCTIONS / INNOVATIONS**

FUJIFILM Dimatix Introduces Novel Piezoelectric DOD Printhead Models

TECOM Paper Launches UV inkiet label Printer with Konica Printheads

FUJIFILM Dimatix Introduces Spectra Polaris PQ-512/85 AAA Print head

Trident Solar Introduces 256Jet-STM Inkjet Print head

FUJIFILM Dimatix Launches Spectra Polaris PQ-512/35 AAA

FUJIFILM Dimatix Unveils Two Inkjet Printheads for Use with DMP-3000 Printer

Konica Minolta Unveils Novel Inkjet Head for Industrial Applications

Kyocera Develops KJ4 Series Inkjet Printhead, the Fastest Inkjet Printhead Globally

FUJIFILM Dimatix Launches ScanPAQ 2.5 Head Array

Brother International Launches Print Head Cleaning Service

FUJIFILM Dimatix Unveils the Spectra Polaris PQ-512/15 Printhead

SEM Develops Copper Ink and Industrial Inkjet Printheads

Memjet to Launch an Inkjet Printhead

Xaar Introduces Two Novel Inkjet Printheads

Epson to Launch Next-Generation Micro Piezo Printhead

FUJIFILM Dimatix Develops Q-Class Family of Printheads

# 7.RECENT INDUSTRY ACTIVITY

Xaar Plans to Expand Huntington's Factory to Meet Increased Demand



Lexmark Merges Two Printing Units to Form 'Imaging Solutions and Services' Xennia Technology Signs Agreement with Trident

Makfil Signs Deal with KBA-Metronic InkJet to Integrate KBA's Alphajet Printhead Technology

meiller Becomes First Beta Customer for Kodak's Stream Printhead Trident Industrial Inkjet Selects ImageXpert's JetXpert System for In-Flight Droplet Analysis

Xaar and Triangle Digital Enter Agreement to Sell Triangle's Solvent Ink in India

# **8.FOCUS ON SELECT MAJOR PLAYERS**

Brother International Corp. (US)

Canon, Inc. (Japan)

Eastman Kodak Company (US)

FUJIFILM Dimatix, Inc. (US)

Hewlett-Packard Company (US)

Lexmark International, Inc. (US)

Memjet Technology (US)

Olivetti S.p.A. (Italy)

Ricoh Printing Systems America, Inc. (US)

Samsung Electro-Mechanics (South Korea)

Seiko Epson Corp. (Japan)

STMicroelectronics (Switzerland)

Toshiba TEC Corporation (Japan)

Trident Industrial Inkjet (US)

Xaar PLC (UK)

### 9.GLOBAL MARKET PERSPECTIVE

**Table 5.** World Recent Past, Current & Future Analysis for Inkjet Heads by Geographic Region – The US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), The Middle East, and Latin American Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 6.** World Historic Review for Inkjet Heads by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), The Middle East, and Latin American Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)



**Table 7.** World 15-Year Perspective for Inkjet Heads by Geographic Region – Percentage Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

**Table 8.** World Recent Past, Current & Future Analysis for Inkjet Heads in Consumer Applications by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), The Middle East, and Latin American Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 9.** World Historic Review for Inkjet Heads in Consumer Applications by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), The Middle East, and Latin American Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 10.** World 15-Year Perspective for Inkjet Heads in Consumer Applications by Geographic Region – Percentage Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

**Table 11.** World Recent Past, Current & Future Analysis for Inkjet Heads in Industrial Applications by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), The Middle East, and Latin American Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 12.** World Historic Review for Inkjet Heads in Industrial Applications by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin American Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 13.** World 15-Year Perspective for Inkjet Heads in Industrial Applications by Geographic Region – Percentage Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)



#### **10.THE UNITED STATES**

### A. MARKET ANALYSIS

Current & Future Analysis
Strategic Corporate Developments
Product Launches
Focus on Select Major Players

### **B. MARKET ANALYTICS**

**Table 14.** The US Recent Past, Current & Future Analysis for Inkjet Heads by End-use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 15.** The US Historic Review for Inkjet Heads by End-Use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 16.** The US 15-Year Perspective for Inkjet Heads by End-Use Market - Percentage Breakdown of Dollar Sales for Consumer Market and Industrial Market for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

# 11.CANADA

# A. MARKET ANALYSIS

**Current & Future Analysis** 

# **B. MARKET ANALYTICS**

**Table 17.** Canadian Recent Past, Current & Future Analysis for Inkjet Heads by Enduse Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)



**Table 18.** Canadian Historic Review for Inkjet Heads by End-Use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 19.** Canadian 15-Year Perspective for Inkjet Heads by End-Use Market - Percentage Breakdown of Dollar Sales for Consumer Market and Industrial Market for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

#### 12.JAPAN

### A. MARKET ANALYSIS

Current & Future Analysis

Japan - A Major Contributor to the Global Inkjet Head Market

**Table 20.** Japanese Market for Inkjet Printers by Major Manufacturers (2008): Market Shares for Seiko Epson, Canon, and Others (includes corresponding Graph/Chart)

Japan Produces Ink for Inkjet Printing Locally Product Launches Focus on Select Major Players

# **B. MARKET ANALYTICS**

**Table 21.** Japanese Recent Past, Current & Future Analysis for Inkjet Heads by Enduse Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 22.** Japanese Historic Review for Inkjet Heads by End-Use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 23.** Japanese 15-Year Perspective for Inkjet Heads by End-Use Market - Percentage Breakdown of Dollar Sales for Consumer Market and Industrial Market for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)



#### 13.EUROPE

### A. MARKET ANALYSIS

Current & Future Analysis
Regional Perspective
End-Use Market Perspective

### **B. MARKET ANALYTICS**

**Table 24.** European Recent Past, Current & Future Analysis for Inkjet Heads by Geographic Region –France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 25.** European Historic Review for Inkjet Heads by Geographic Region – France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 26.** European 15-Year Perspective for Inkjet Heads by Geographic Region – Percentage Breakdown of Dollar Sales for France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

**Table 27.** European Recent Past, Current & Future Analysis for Inkjet Heads by Enduse Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 28.** European Historic Review for Inkjet Heads by End-Use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 29.** European 15-Year Perspective for Inkjet Heads by End-Use Market - Percentage Breakdown of Dollar Sales for Consumer Market and Industrial Market for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)



#### 13A.FRANCE

### A. MARKET ANALYSIS

**Current & Future Analysis** 

### **B. MARKET ANALYTICS**

**Table 30.** French Recent Past, Current & Future Analysis for Inkjet Heads by End-use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 31.** French Historic Review for Inkjet Heads by End-Use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 32.** French 15-Year Perspective for Inkjet Heads by End-Use Market - Percentage Breakdown of Dollar Sales for Consumer Market and Industrial Market for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

#### 13B.GERMANY

### A. MARKET ANALYSIS

Current & Future Analysis
Strategic Corporate Development

# **B. MARKET ANALYTICS**

**Table 33.** German Recent Past, Current & Future Analysis for Inkjet Heads by End-use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 34.** German Historic Review for Inkjet Heads by End-Use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$



Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 35.** German 15-Year Perspective for Inkjet Heads by End-Use Market - Percentage Breakdown of Dollar Sales for Consumer Market and Industrial Market for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart).

### 13C.ITALY

### A. MARKET ANALYSIS

Current & Future Analysis Olivetti S.p.A. (Italy) – A Key Player

### **B. MARKET ANALYTICS**

**Table 36.** Italian Recent Past, Current & Future Analysis for Inkjet Heads by End-use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 37.** Italian Historic Review for Inkjet Heads by End-Use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 38.** Italian 15-Year Perspective for Inkjet Heads by End-Use Market - Percentage Breakdown of Dollar Sales for Consumer Market and Industrial Market for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

# 13D.THE UNITED KINGDOM

# A. MARKET ANALYSIS

Current & Future Analysis
Strategic Corporate Development
Product Launch
Xaar PLC – A Key Player

#### **B. MARKET ANALYTICS**

Inkjet Heads: Market Research Report



**Table 39.** The UK Recent Past, Current & Future Analysis for Inkjet Heads by End-use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 40.** The UK Historic Review for Inkjet Heads by End-Use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 41.** The UK 15-Year Perspective for Inkjet Heads by End-Use Market - Percentage Breakdown of Dollar Sales for Consumer Market and Industrial Market for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

13E.SPAIN

#### A. MARKET ANALYSIS

**Current & Future Analysis** 

# **B. MARKET ANALYTICS**

**Table 42.** Spanish Recent Past, Current & Future Analysis for Inkjet Heads by End-use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 43.** Spanish Historic Review for Inkjet Heads by End-Use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 44.** Spanish 15-Year Perspective for Inkjet Heads by End-Use Market - Percentage Breakdown of Dollar Sales for Consumer Market and Industrial Market for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

# 13F.RUSSIA



#### A. MARKET ANALYSIS

**Current & Future Analysis** 

### **B. MARKET ANALYTICS**

**Table 45.** Russian Recent Past, Current & Future Analysis for Inkjet Heads by End-use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 46.** Russian Historic Review for Inkjet Heads by End-Use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 47.** Russian 15-Year Perspective for Inkjet Heads by End-Use Market - Percentage Breakdown of Dollar Sales for Consumer Market and Industrial Market for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

#### **13G.REST OF EUROPE**

#### A. MARKET ANALYSIS

Current & Future Analysis STMicroelectronics (Switzerland) – A Key Player Strategic Corporate Development

### **B. MARKET ANALYTICS**

**Table 48.** Rest of European Recent Past, Current & Future Analysis for Inkjet Heads by End-use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 49.** Rest of European Historic Review for Inkjet Heads by End-Use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding



# Graph/Chart)

**Table 50.** Rest of European 15-Year Perspective for Inkjet Heads by End-Use Market - Percentage Breakdown of Dollar Sales for Consumer Market and Industrial Market for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

#### 14.ASIA-PACIFIC

### A. MARKET ANALYSIS

Current & Future Analysis
Taiwan
Taiwan – A Major Producer of Inkjet Heads
Product Launch
Strategic Corporate Development

### **B. MARKET ANALYTICS**

**Table 51.** Asia-Pacific Recent Past, Current & Future Analysis for Inkjet Heads by Enduse Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 52.** Asia-Pacific Historic Review for Inkjet Heads by End-Use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 53.** Asia-Pacific 15-Year Perspective for Inkjet Heads by End-Use Market - Percentage Breakdown of Dollar Sales for Consumer Market and Industrial Market for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

#### 15.THE MIDDLE EAST

#### A. MARKET ANALYSIS

**Current & Future Analysis** 

#### **B. MARKET ANALYTICS**

Inkjet Heads: Market Research Report



**Table 54.** The Middle East Recent Past, Current & Future Analysis for Inkjet Heads by End-use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 55.** The Middle East Historic Review for Inkjet Heads by End-Use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 56.** The Middle East 15-Year Perspective for Inkjet Heads by End-Use Market - Percentage Breakdown of Dollar Sales for Consumer Market and Industrial Market for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)

### **16.LATIN AMERICA**

### A. MARKET ANALYSIS

**Current & Future Analysis** 

#### **B. MARKET ANALYTICS**

**Table 57.** Latin American Recent Past, Current & Future Analysis for Inkjet Heads by End-use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

**Table 58.** Latin American Historic Review for Inkjet Heads by End-Use Market – Consumer Market and Industrial Market Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

**Table 59.** Latin American 15-Year Perspective for Inkjet Heads by End-Use Market - Percentage Breakdown of Dollar Sales for Consumer Market and Industrial Market for Years 2003, 2010 & 2017 (includes corresponding Graph/Chart)



Competitive Landscape

Total Companies Profiled: 26 (including Divisions/Subsidiaries - 30)

Region/CountryPlayers

The United States

Japan

Europe

Germany

The United Kingdom

Italy

Rest of Europe

Asia-Pacific (Excluding Japan)



# I would like to order

Product name: Inkjet Heads: Market Research Report

Product link: <a href="https://marketpublishers.com/r/I7CE486A42FEN.html">https://marketpublishers.com/r/I7CE486A42FEN.html</a>

Price: US\$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

# **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/I7CE486A42FEN.html">https://marketpublishers.com/r/I7CE486A42FEN.html</a>