

# Inkjet Head Market

## From printing to microdispensing

**UNIQUE REPORT DESCRIBING  
INKJET HEAD MARKET**

**Key element of a printer, inkjet print head is one of the oldest MEMS actuators. Predominant in most personal and small business printing applications, inkjet print heads are currently pushed by digital imaging.**

**The report also highlights new emerging applications in manufacturing or dispensing in a "micro-world".**

Representing about 28% of the MEMS market, inkjet head is a mature market recording a compound annual growth rate of 4% from 2006 to 2011. Our 2006 estimation is a global MEMS market of \$5,950M.

In the report, you will learn more about the size and the segmentation of this market, with the top 5 players (mostly in the consumer market) and representing about 98% of the global inkjet head sales, but also with companies developing in emerging applications.

Inkjet head market is important and growing as a consubstantial action of multimedia revolution. The more connected you are, the more you need to print.

This market is evolving, the report will show you in which direction inkjet manufacturers are orienting their R&D and technological choices.

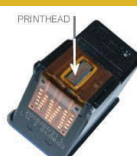
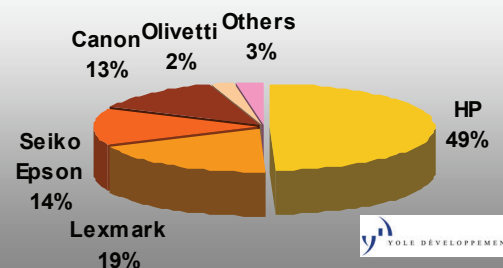
The evolution of the digital imaging gave momentum to consumer inkjet head market, with enhanced devices using the most advanced technologies.

Opportunities remain despite a true concentration of players. You will discover possible development plans with key information on production and innovation drivers.

Learn more about the microdispensing opportunities and discover the next niche market to address.

Industrial inkjet head market is diversifying with the use of printing technology to allow microfabrication of 3D structures, printing electronic deposition, microdispensing for biological application.

**Inkjet head market share 2006  
SOHO**





- **TO UNDERSTAND INKJET HEAD MARKET STATUS AND EVOLUTION**
- **TO ANTICIPATE THE NEXT NICHE MARKET DERIVATED FROM INK JET HEAD TECHNOLOGY**

- **How inkjet head manufacturers will organize their businesses to address digital imaging revolution?**
- **What are the key technologies for new inkjet head devices?**
- **What are the success factors for new industrial emerging application?**

*The report presents the industry status of inkjet head market, with players, their business models, products... But it also describes consumer, industrial and emerging applications.*

#### **Who should buy the report:**

- Executives of companies involved in the development and production of inkjet head devices and all kind of micro dispensing devices
- Executives of companies active in the development and production of printers
- Executives of Semiconductor, micro dispensing & MEMS equipment suppliers
- Executives of MEMS and Semiconductor Foundries
- Executives of material supplier companies

#### **Companies in the report**

Hewlett Packard, Canon, Lexmark, Brother, Dell, STMicroelectronics, Asia Pacific Microsystems, TSMC, Silverbrook Research, Surface Technology Systems, Xsil, Samsung, Eastman Kodak, Olivetti, BenQ, Seiko Epson, Texas Instruments, Xaar, Xennia, FujiFilm Dimatix, Ricoh...

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### Bio



Jérôme Mouly was granted a Master degree in Physics in Lyon. He is analyst at Yole for 6 years, specialized in MEMS & IC manufacturing. He is 32 years old.



Chipworks, the leader in reverse engineering and technical analysis of semiconductors and microelectronic systems and Yole, announced an agreement to work collaboratively to provide more in-depth business and technical analysis for the MEMS industry.

The companies have developed a Chipworks Inkjet Printhead technical comparative analysis report, and a Yole Développement Inkjet Printhead Market analysis.

"Together we've expanded the scope and scale of information we deliver to our customers around the world." says Julia Elvidge, president, Chipworks "This information helps them to achieve a deeper understanding the market trends and evolving technology in the fast-paced and growing MEMS industry. We help customers to make business decisions regarding their market activities or design decisions in their product development processes."

[www.chipworks.com](http://www.chipworks.com)

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## About Yole Développement

Our commitment is to facilitate market access for innovative technology, devices, equipment and materials in the disruptive semiconductor businesses.

Founded in 1998, Yole Développement is involved in the following fields, with strong leadership worldwide:

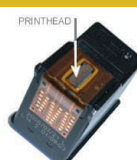
- MEMS Devices and Equipment & Materials for MEMS manufacturing
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- Photovoltaic
- Microfluidics
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Our services and publications:

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- Strategy consulting
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- M&A support and due diligence

Yole Développement is the world leader in the analysis of disruptive semiconductor applications and markets. Each day, Yole Développement's team of 20 consultants is in contact with industrial companies, R&D institutes and investors worldwide in order to help them understand the market and technology trends. In its analysis, Yole Développement takes into account the complete value chain including materials, equipment suppliers, device & system manufacturers and end users.

Our prices are subject to change. Please check our new releases and price changes on [www.yole.fr](http://www.yole.fr). The present document is valid 3 months after its publishing date: 25 February 2008.



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## Definitions:

**"Acceptance"**: Action by which the Buyer accepts the terms and conditions of sale in their entirety. It is done by ticking the box "I accept the conditions".

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Bank code: 30056

Branch code: 200 1565 87

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Account n°: 0170 ode: CCFRFRPP

IBAN: FR76 3005 6001 7001 7020 0156 587

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4.2 The Seller shall only be liable for (i) direct and (ii) foreseeable pecuniary loss, caused by the Products or arising from a material breach of this agreement

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- a) damages of any kind, including without limitation, incidental or consequential damages (including, but not limited to, damages for loss of profits, business interruption and loss of programs or information) arising out of the use of or inability to use the Seller's website or the Products, or any information provided on the website, or in the Products;
- b) any claim attributable to errors, omissions or other inaccuracies in the Product or interpretations thereof.

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9.2 French law shall govern the relation between the Buyer and the Seller, in accordance with these Terms and Conditions.