The Hard Disk Drive (HDD) and Solid State Drive (SSD) Industries: Market Analysis and Processing Trends

Description:
Hard drive manufacturers Seagate Technology and Western Digital face an uphill battle in attempting to sustain sales of traditional rotating-disk drives in the coming years. It all comes down to the price. Traditional storage drives currently cost around 7 to 8 cents per usable gigabyte, whereas even the best-priced SSDs cost over $0.40 per usable gigabyte.

SSD prices have been falling drastically in the last few years as demand has picked up. Prices are likely to continue to drop in the coming years, thereby posing a major threat to hard drive makers such as Seagate and Western Digital. Samsung leads the pack of SSD manufacturers with a commanding 40% share in the SSD market.

This report focuses on the entire hard disk drive market food chain, analyzing the markets for hard disk drives, substrates, and thin film heads. Processing issues in the manufacture of each of these sectors in included and the report details the CMP and Lithography sectors of thin film head processing. Market forecasts and market shares of all sectors are detailed. The SSD market is also analyzed.

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