



KLA - Tencor Israel

Line of Business

Semiconductors Test Equipment

Established

1986

Leading Executive

Dr. Ami Appelbaum
KLA-Tencor Israel

KLA-Tencor is enabling the digital age by providing the world leading inspection and metrology systems, used for process control by semiconductor device manufacturers worldwide.

Comprehensive Portfolio

The company's comprehensive portfolio of products, software, analysis, services and expertise is designed to help Integrated Circuits (IC) manufacturers manage yield throughout the entire wafer fabrication process - from R&D to final yield analysis. Since yield improvements are key to increasing manufacturing productivity and profitability, the yield management market that KLA-Tencor leads has outperformed the semiconductor capital equipment market segment as a whole.



KLA Tencor

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Top Five Manufacturers

Ranked among the world's top five semiconductor equipment manufacturers, KLA-Tencor offers a broad spectrum of products and services that are used by every major semiconductor manufacturer in the world. These customers turn to KLA-Tencor for in-line wafer defect monitoring; reticle and

photo-mask defect inspection; wafer overlay; film and surface measurement; and overall yield and fab-wide data analysis.

Global Customer Base

To support its growing, global customer base, KLA-Tencor maintains a significant presence throughout the United States, Europe and Asia, with local sales and applications engineers, customer and field service engineers and yield management consultants.

KLA – Tencor Israel

KLA-Tencor Israel is a subsidiary of KLA-Tencor Corporation, USA and serves the lithography process control sector, the driving force behind the digital information society. It was established in the late 80s, when the march towards ever faster and more powerful computer processing was in its infancy. KLA-Tencor Israel has grown to become the dominant global provider of solutions to the challenge of measuring and controlling advanced semiconductor lithography. Between our 3 sites in Migdal Ha'emek Industrial Park, Kiryat Gat, and Yokneam Industrial Area we employ over 500 employees who conceive, design, manufacture and service the most advanced metrology systems for sale to the biggest chip makers in the world including household names like Intel; TSMC and Samsung. These systems measure the geometries and positions of the tiniest imaginable features, now a mere 20 nanometers across, with precision smaller than the width of a single silicon atom. We are constantly in search of the top talent in engineering, physics, materials science and programming who want to be at the forefront of the digital information society.

The Optical Metrology Division

The Optical Metrology Division products are used for optical overlay metrology. The portfolio of products includes unique solution packages which are based on hardware and software systems to enhance yield and effectiveness. As a world leader in its field of expertise, the division's products are the most advanced in performance (measurement accuracy of nanometers and below), reliability, ease of use and compatibility with other KLA-Tencor's products. KLA-Tencor Israel controls the majority of