

APPLIED MATERIALS ISRAEL LTD.

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Website www.appliedmaterials.co.il
Year established: 1986
Contact person:

Type: Industry
Ownership: Private
Parent Organization: Applied Materials Inc.

Core Business:

High speed automatic wafer metrology systems for semiconductor manufacturers to verify critical sub-micron dimensions during the production of integrated circuits (chips).

Total number of employees: 1000
Scientists and engineers: 500

Overview:

Applied Materials was originally established in Israel as a technology center in 1991. It's mission was to develop control systems integrating hardware and software for the company's automated systems. The core staff included highly experienced, professional engineers committed to market-driven innovation. Operations in Israel also contributed to Applied Materials' global operations with the development of Computer Based Training (CBT) programs, designed to assist users in learning the structure, operation and process programming of Applied Materials' equipment.

In January 1997, Applied Materials formed the Process, Diagnostics & Control (PDC) Business Group, incorporating the advanced inspection and metrology capabilities of two acquired Israel based companies: Orbot Instruments, a supplier of wafer and reticle inspection systems, and Opal Technologies, a supplier of SEM based metrology systems. The two companies were integrated into Applied Materials including their manufacturing facilities and research and development centers.

Applied Materials Process Diagnostics and Control (PDC) Business Group brings constant technological innovation to the global semiconductor industry. PDC develops and manufactures inspection tools and solutions that integrate a wide variety of cutting-edge technologies designed for the world's leading microchip manufacturers.

Applied Materials Israel supports local communities through a variety of programs with a key focus on encouraging and supporting youth science and technology education, with preference given to youth from under privileged backgrounds.

In academia, the Company provides support for research grants and scholarships for outstanding students at the Technion and Bar Ilan University. It runs the Science on Wheels program in conjunction with the Weizmann Institute of Science and operates a unique cafe on its campus that employs youth who are at risk. The company also supports local organizations that provide food and services for needy families, day care centers for children at risk, a girls hostel, foster family organizations and the children's ward at the Ness Ziona hospital.