



INTEVAC

THE NEW SHAPE OF INNOVATION IS **LEAN**



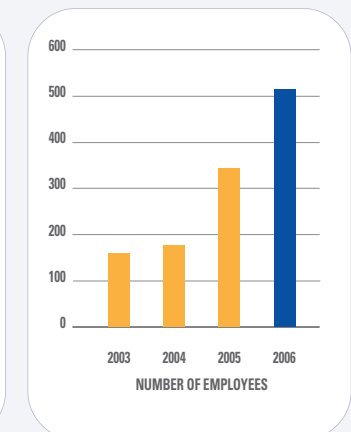
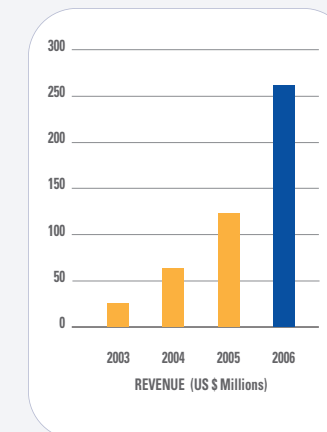
CORPORATE OVERVIEW

Intevac® (NASDAQ: IVAC) was founded in 1991 as a spin-off of Varian Associates and is today among the fastest growing process equipment companies in the United States. We are a world leader in magnetic media deposition equipment commanding 60% market share and a pioneer in low light imaging technology. Headquartered in Santa Clara, California (US), Intevac is over 500 people strong and has a global presence with offices in China, Japan, Korea, Malaysia and Singapore.

Technology leadership combined with a value-oriented lean philosophy has enabled Intevac to consistently bring cutting-edge innovation to market. The 200 Lean® is the first system to be proven in production for next generation perpendicular magnetic media processing technology. Intevac's latest product for the semiconductor industry marks a significant strategic shift from old-line cluster tools. And, Intevac's MOSIR® 950 stands alone as the world's first and exclusive NIR image intensified spectroscopy camera between 950 and 1650 nm.

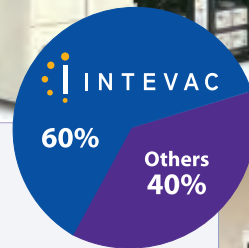
What sets Intevac apart is the ability to think out of the box and rapidly develop innovative solutions that deliver value.

GROWTH COMPANY



MAGNETIC MEDIA

Disk drive manufacturers worldwide use Intevac magnetic media deposition equipment representing 60% of installed capacity. Over 40 million disks are processed every month on Intevac systems. The 200 Lean® was instrumental in transitioning the industry to next generation technology by equipping drive manufacturers with perpendicular processing capabilities. The 200 Lean is also extendible to emerging technologies such as patterned media and heat assisted magnetic recording.



DEMONSTRATED ABILITY TO ACHIEVE FAST TIME TO MARKET

Intevac designed and delivered the very first magnetic media deposition system for perpendicular processing – the 200 Lean, in a record 7 months. The system was qualified in 3 months, subsequent to which Intevac delivered 24 tools and ramped volume production in just 6 months.

Intevac has pioneered the application of lean principles to capital equipment design – the 200 Lean being a successful example. Equipment designed on the basis of lean principles deliver the best value to customers by means of:

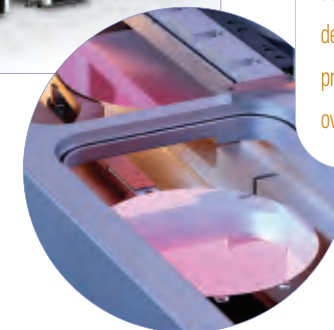
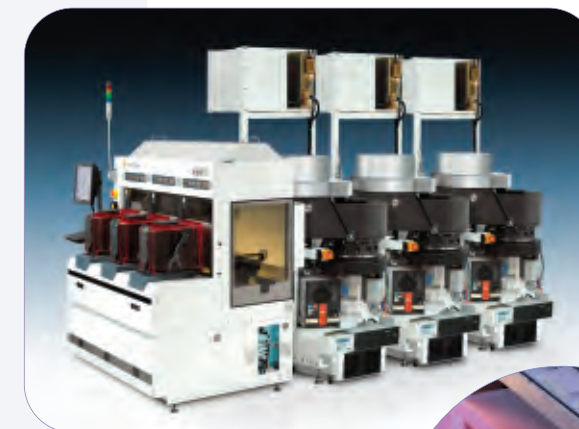
- A Modular and Flexible Architecture
- Compact Footprint
- High Process and Space Utilization
- Low Total Cost of Ownership

Designed from the ground up with lean principles, the 200 Lean offers the ultimate in flexibility with a modular and fully extendible architecture. The system can be configured with as few as 4 process stations or as many as 24, allowing for extendibility from one generation to the next in advanced media processing. The 200 Lean is a linear system with a footprint that is just 1/3rd that of the nearest competitor's system. Higher throughput (>800 dph) from a small footprint enables more magnetic disks to be manufactured per square foot of factory floor space increasing space utilization, improving granularity and reducing total cost of ownership.

SEMICONDUCTOR

After revolutionizing magnetic media technology with lean process equipment, Intevac now introduces lean equipment to the semiconductor industry. This introduction will significantly change the capital equipment landscape by giving manufacturers a superior alternative. This alternative, in addition to achieving vastly better results in on-wafer performance, throughput and uptime, will also optimize clean room space, ease serviceability and dramatically reduce cost of ownership. Intevac's lean equipment will mark a milestone in the industry by introducing a new way of thinking when it comes to designing and manufacturing capital equipment.

Intevac's lean semiconductor equipment is the result of years of dedicated R&D efforts by an experienced engineering and management team.



VALUE PROPOSITION

Enable customers to produce low cost technology sophisticated devices by providing unique systems designed on "Lean Thinking" principles (30% CoO reduction over cluster tools)

IMAGING INSTRUMENTATION

VALUE PROPOSITION

Provide the most cost effective, most sensitive, least power consuming multi-pixel light sensors, cameras and systems operating in the visible and near infra-red portion of the spectrum.

Intevac develops electro-optical sensors, cameras and systems that permit highly sensitive detection of photons in the visible and near infra-red portions of the spectrum, allowing vision in extreme low light situations. Our extreme low light imaging products include the LIVAR®, or Laser Illuminated Viewing and Ranging, target identification

cameras and systems, and the NightVista® product line of low light level cameras and sensor modules. LIVAR is designed to positively identify targets, which have been detected but not identified by other systems at long ranges, such as thermal cameras and radar. LIVAR is a range-gated, laser-illuminated, two-dimensional imaging system that operates in the “eye-safe” wavelength band. NightVista cameras and sensor modules are designed for imaging in the visible and near-infrared portion of the electromagnetic spectrum.

They incorporate the identical photocathode technology that is used in today’s state-of-the-art Gen III night vision goggles.

Intevac’s Commercial Imaging Group develops camera and sensor products for scientific and industrial markets for spectroscopy, raman, microscopy, chemical imaging, astronomy and other low light applications. Products include the MOSIR® range of Near-Infrared & UV-VIS Cameras, MicroVista™, a back-illuminated CMOS camera, and the DeltaNu range of small footprint and handheld Raman spectrometers.

Intevac’s imaging technology combines state-of-the-art III-V semiconductor photocathode technology with silicon-based video technology. Elements of Intevac’s proprietary solutions include:

- Advanced Photocathode Technology
- Back-Thinned, Low Power CMOS Imaging Chips
- Increased Silicon Sensor Sensitivity
- Compact Ultra-High Vacuum Sensor Packaging
- Small Footprint, High Performance Raman Spectrometers



Intevac has proven ability in creating highly innovative and technologically advanced solutions that challenge existing norms and deliver unsurpassed value to customers. Our latest product for the semiconductor industry is a state-of-the-art system built on a lean platform. We are committed to continued innovation and growth in the fields of process equipment and low light imaging devices, as is reflected in our new products pipeline. Intevac is unique in being a diverse, multi-faceted company that has effectively leveraged synergies between its various divisions.

Agility, flexibility and a strong focus on customer needs distinguish Intevac from the competition. We have repeatedly brought new products to multiple markets in record time. Robust processes inspired by lean principles have helped us achieve perfect first-time quality while reducing cycle time and minimizing waste.

An inventive engineering team backed by strong, experienced leadership at Intevac continues to develop breakthrough solutions enabling new technologies that enhance customer capabilities.



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