# ASML





# Changing the world, one nanometer at a time

ASML US at a glance



# Your future at ASML awaits you

Innovation requires vision, dedication and the guts to solve problems. Learn more at asml.com.



#### **ASML Global**



**42,000**+ Employees



8,200 US employees



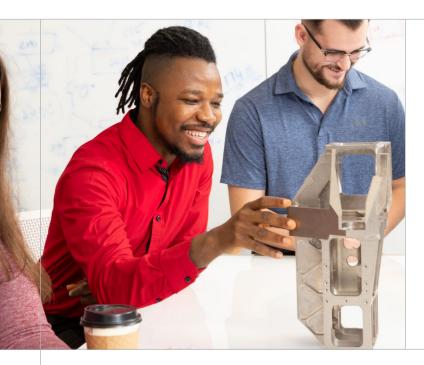
16 Countries with ASML office





# Wilton, Connecticut

This site is our largest R&D (research and development) and manufacturing site in the US, with expertise in mechatronics, alignment and sensor technology, and world-class optical fabrication. ASML Wilton is an important competency center, specializing in critical technologies that advance the performance of our lithography and metrology systems.





#### **Working in Wilton**

Located in the heart of the New England region of the US, there are so many opportunities for culture, adventures, and sightseeing. It's just a short driving distance for getaways to New York, Massachusetts, Vermont, Maryland, Rhode Island and New Jersey. Wilton's charming environment of historic buildings, beautiful wooded areas and serene coastlines is sure to give you a great place to call home.

#### **Optical fabrication**

Our Wilton employees make the science of polishing low-aberration optics an art, using advanced equipment only available at a few companies worldwide. We also specialize in optical contacting of very large surfaces.

#### Optical sensors and metrology systems

We develop sensors that bring together the best in complex optical designs, along with optomechanics, electronics and software to perform sub-nanometer measurements to keep ASML's systems operating at peak performance.

#### Mechatronic systems

We design, test and assemble two crucial modules of our lithography systems: the reticle handler and the reticle stage. These two modules move and hold the blueprint of the chip pattern that will be printed.



Learn more about the Wilton, CT office here









# San Diego, California

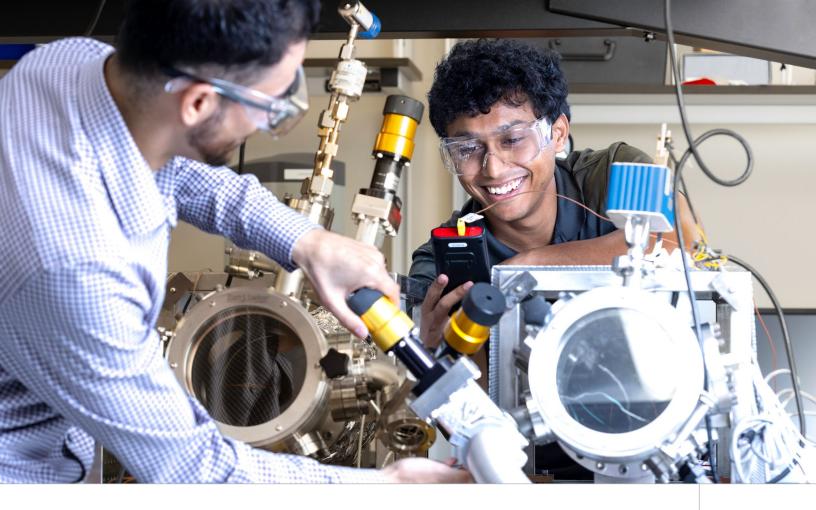
This site is our epicenter for the development and manufacturing of DUV and EUV light sources for lithography systems and the main office of Cymer. We deliver the light source in a lithography machine, which projects the pattern to be printed onto a silicon wafer. The smaller the wavelength of light produced, the finer the features you can pattern onto a chip, enabling shrink.





#### **Working in San Diego**

Located in southern California, San Diego is on the coast of the Pacific Ocean. It is known for its pleasant climate, characterized by warm, dry summers and mild winters that cultivate an active outdoor lifestyle. Must see attractions include Balboa Park, which boasts 17 museums, San Diego Zoo and its Safari Park, Seaworld, Coronado Island, Torrey Pines State Natural Reserve and many more.



#### **EUV** light source technology

Our San Diego employees design, develop and qualify the EUV (extreme ultraviolet) light source as well as manufacture a critical system component called the droplet generator.

#### **DUV** light source technology

We develop, market, sell and service DUV light sources from independently operated business, Cymer.



Learn more about the San Diego, CA office here

# Silicon Valley, California

This site is our software and R&D powerhouse in San Jose specializing in computational applications and e-beam metrology. We develop sophisticated software and metrology solutions, addressing escalating complexities encountered at smaller nodes. Local customer support and technology development also ensure superior system performance and service.





#### **Working in Silicon Valley**

ASML Silicon Valley is located in San Jose, California, a dynamic area where technology and culture converge in a fast-paced innovative environment. The Bay Area offers a rich and varied landscape and culture: explore its dramatic coastlines and Redwood forests or visit historic places such as San Francisco, Napa Valley and Sonoma wine country.



#### Holistic lithography

Our Silicon Valley employees integrate knowledge of the lithography systems with metrology and computational lithography to drive forward cost-effective shrink for chipmakers.

#### Sophisticated software models

We develop sophisticated software models that capture various physical and chemical effects encountered throughout the lithography process.

#### High-performance computing applications

We develop innovative ways to speed up the model calculations.

#### E-beam technology

We're creating a new class of applications to ensure accurate wafer patterning performance and identify yield-related defects faster with higher accuracy across more wafers at the most advanced nodes.



Learn more about the Silicon Valley, CA office here

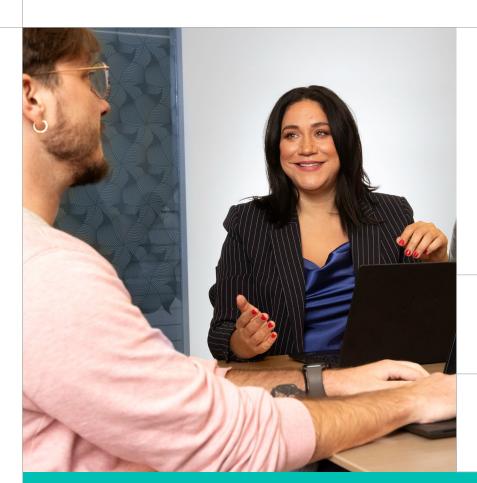
## Hillsboro, Oregon

This site is our largest US customer support site, delivering the highest level of service throughout the life cycle of an ASML lithography system and the main training hub for US Customer Support engineers.

700+ Employees

#### **Working in Oregon**

ASML Hillsboro is located in the Pacific Northwest region of the US and is less than an hour drive from Portland. Hillsboro offers an affordable and relaxed lifestyle with access to beaches and mountains.



#### **Customer support**

This team installs, integrates, optimizes and maintains ASML lithography systems in chipmakers' fabs.

#### **Corporate functions**

These are the teams that help ASML run smoothly and include human resources, finance, facility management and IT.



Learn more about the Hillsboro, OR office here

## Chandler, Arizona

This site is our US global support center which houses employees from customer support, sales and other support departments. We help deliver predictable leading-edge lithography manufacturing capacity to our customers and supply around the clock to support to all field service engineers.





#### **Working in Chandler**

ASML Chandler is located in the larger Phoenix metropolitan area nicknamed "Valley of the Sun". It is home to high-end spa resorts, world-class golf facilities, shopping, arts and culture and professional sports.

#### **Customer support**

This team installs, integrates, optimizes and maintains ASML lithography systems in chipmakers' fabs.

#### **Corporate functions**

These are the teams that help ASML run smoothly and include human resources, finance, facility management and IT.



Learn more about the Chandler, AZ office here

# Customer support sites & employee networks

#### **Customer support sites**



Our customer support team troubleshoots the world's most advanced chip making machines. They are our 'agents of impossible missions' because they aim to detect problems before they impact production.





#### **Employee networks**

#### Find your networks

Employee led networks and clubs foster a supportive and inclusive environment that enhances belonging in our workplace. They are a great way to socialize with colleagues and help build your professional network, all while doing something you are passionate about.

There are many clubs and networks to choose from, each have a collective theme but are open to all. You'll be welcome to join whether you identify personally with the theme or are simply interested to learn more and support the group's efforts.

#### Networks include:

- Green: Our sustainability conscious group, that helps reverse the environmental impact of both our company and individual employees.
- Proud: A champion for diversity and inclusion, this group advocates, educates and builds community centered around LGBTQIA+. They work to ensure that ASML is a safe and great place to work where everyone feels welcome.
- **SHADES:** Similarly, a champion for diversity and inclusion with a focus on the (black, indigenous

#### **Locations**



Austin, Texas Boise, Idaho Malta, New York Manassas, Virginia Phoenix & Chandler, Arizona Hillsboro, Oregon



and people of color) BIPOC community. You will be connected with like-minded people, participate in events and learn from your colleagues through engagement experiences and sharing stories.

- Women/WAVES: Are champions of gender diversity in our community who recognize the need to recruit, retain and empower women and gender-diverse people in their careers at ASML.
- Next: A thriving community of professionals who share ideas and network with colleagues from diverse backgrounds. It is a great group to join if
- you are interested in connecting with people in different career phases. As a member, you can join, lead and contribute to initiatives like educational events including management lunches, lectures and workshops.
- Veterans: Military veterans possess valuable experience and skills that are in high demand at ASML. Our Veterans employee network provides outreach to veterans and their families.
- Atypical: ASML's neurodiversity employee network is helping to raise awareness about brain differences and how normal they really are.

# Find your passion at ASML

Explore our job opportunities by category ranging from data science to mechatronics and everything in between. Learn how your degree and experience can fit into a career working on the most advanced chipmaking machines in the world.



#### Software & computer science

Designing and building some of the most advanced software in the semiconductor industry. Find out what it's like working as a computer scientist or software developer at ASML working in C++, C#, Python or Java. We also use machine learning to speed up the simulation and manufacturing process.



#### Mechanical engineering

Design, build and test exceptionally high-performance systems as a mechanical engineer. Join the team in developing and sustaining solutions for products, tools, and equipment related to the mechanical applications of our machines.



#### **Electrical engineering**

Work at the leading edge of electrical innovation at ASML from conceptualizing design to prototyping, volume manufacturing and initial integration through qualification.



#### **Optics**

If you enjoy working at or beyond the edge of what's possible in optics then ASML is your ideal environment. Push the boundaries of optics, by creating state-of-theart polishing and coating technologies as well as ultra-fast precision mechatronics for our chipmaking machines.



#### **Physics**

Physicists at ASML get to work alongside great engineers to turn scientific observations and discoveries into realities for the next generation of technology.



#### **Electron Optics**

Chipmakers use ASML's e-beam metrology and inspection systems to quickly and accurately measure chip pattern quality before and during high-volume production. This team encompasses a simulation, design and integration team to develop the advanced electron optics systems.



#### Manufacturing

No two days are alike in this fast-paced, precision cleanroom environment. Here we assemble, test and deliver our complex lithography and metrology & inspection portfolio from prototype to final product.



#### Logistics and supply chain management

The Sourcing and Procurement team plays a critical role in ensuring the availability of the necessary component and materials needed for our lithography machines.



#### **Customer support**

Work around the clock to make sure the world's most advanced chipmaking machines run smoothly. Travel the world while solving complex engineering challenges and working with some of the most important tech industry players.

# Internships at ASML US

Imagine using the information you're learning in college to work on high-tech equipment and help solve some of the most complex problems in technology today. Launch your career at ASML through our internship program. We offer practical work experience, expert guidance, a diverse team, and working on the most-advanced chipmaking machines. Our inclusive internship experience also includes opportunities for networking with ASML leadership, volunteering to benefit the surrounding community, attending fun events outside of the office with fellow interns and colleagues and more!

#### **Locations:**

- San Diego and Silicon Valley, California
- Wilton, Connecticut
- Chandler, Arizona
- Hillsboro, Oregon
- Austin, Texas
- Manassas, Virginia

#### When:

We offer internships in the summer as well as co-op programs during the academic semester.

#### Who:

Interns must be pursuing a degree in engineering, science, business or other majors related to ASML activities.





Apply to our internship and co-op programs today







# ASML

# **Turn curiosity** into a career

Stay in the know











Explore jobs at ASML