

FACTsheet



MKS INSTRUMENTS, INC. partners with customers to develop ground-breaking solutions for today's most advanced technology challenges. Operating at the leading edge of science, engineering and technology, our vision is to enable technologies that transform our world. Our work enables our customers to be more successful and our societies to be safer and more productive. We continually strive to be the technology leader, proven partner and employer of choice, solving the most challenging problems in advanced manufacturing processes to build the products of today and tomorrow.

KEY MESSAGES

- ▶ Global **TECHNOLOGY LEADER**
- ▶ **ROBUST & DISCIPLINED** business process
- ▶ Strong **FINANCIAL PERFORMANCE**
- ▶ Track record of **SUSTAINABLE & PROFITABLE GROWTH**
- ▶ Listed on **NASDAQ** | **MKSI**

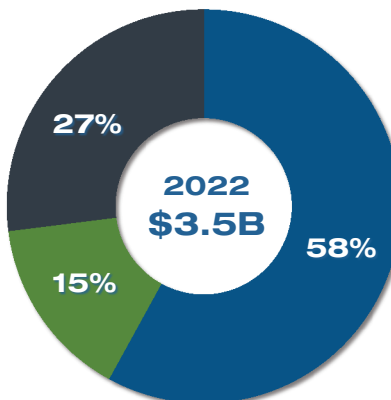
\$3.5B

2022 Revenue

BALANCED & DIVERSIFIED END MARKETS

MKS delivers foundational technology solutions to leading edge semiconductor manufacturing, electronics and packaging, and specialty industrial applications. We apply our broad science and engineering capabilities to create instruments, subsystems, systems, process control solutions and specialty chemicals that improve process performance, optimize productivity and enable unique innovations for many of the world's leading technology and industrial companies.

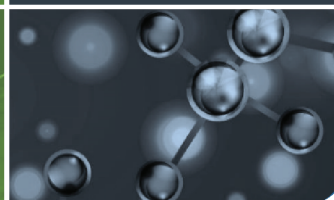
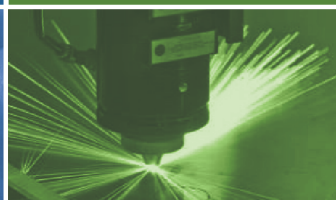
Our solutions are critical to addressing the challenges of miniaturization and complexity in advanced device manufacturing and to addressing ever-increasing performance requirements across a wide array of specialty industrial applications.



SEMICONDUCTOR

ELECTRONICS
& PACKAGING

SPECIALTY INDUSTRIAL



FOUNDED

HEADQUARTERED
IN ANDOVER,
MASSACHUSETTS
www.MKS.COM

1961

PEOPLE

DEDICATED WORKFORCE
PROVIDING
INNOVATIVE
SOLUTIONS

~11K

GLOBAL REACH

TOTAL CUSTOMERS
ACROSS THE GLOBE;
WHEREVER YOU
ARE—WHENEVER
YOU NEED US

33K+

PATENTS

1,500+ ENGINEERS
& SCIENTISTS
WITH \$241M
INVESTED IN
R&D IN 2022

4,000+

SEMI CHIPS

MKS ADDRESSES GREATER THAN
85% OF THE WAFER
FABRICATION
EQUIPMENT
MARKET⁽¹⁾

>85%

INDUSTRY LEADER

MKS HOLDS
LEADING INDUSTRY
POSITION IN TWENTY
PRODUCT CATEGORIES⁽²⁾

20

⁽¹⁾Internal Company estimate; ⁽²⁾Product categories where Company estimates it is #1 or #2

OUR DIVISIONS & INDUSTRY-LEADING BRANDS

VACUUM SOLUTIONS

VSD

The Vacuum Solutions Division is comprised of products derived from our core competencies in pressure and flow measurement and control, gas and vapor delivery, gas composition analysis, electronic control technology, reactive gas generation and delivery, power generation and delivery, and vacuum technology.

PHOTONICS SOLUTIONS

PSD

The Photonics Solutions Division is comprised of our Newport™, Ophir®, Spectra-Physics® and ESI® brands, providing a full range of solutions in photonics, motion positioning, temperature sensing, and optics from Newport, laser technologies from Spectra-Physics, thermal imaging optics from Ophir, and laser-based component and micromanufacturing test systems from ESI.

MATERIALS SOLUTIONS

MSD

The Materials Solutions Division is comprised of our Atotech brand and delivers leading process and manufacturing technologies for advanced surface-finishing solutions. Atotech's portfolio includes chemistry, equipment, software, and services for applications including datacenter, consumer electronics and communications infrastructure, and industrial and consumer applications such as automotive, heavy machinery, and household appliances.

NEXT GENERATION TECHNOLOGY



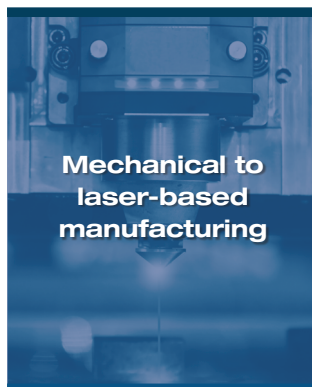
UNIQUELY POSITIONED FOR HIGH GROWTH MARKET SEGMENTS



Semiconductor demand/complexity drives WFE⁽¹⁾

Market share gains as equipment spend increases

⁽¹⁾Wafer Fabrication Equipment spend



Mechanical to laser-based manufacturing

Accelerating adoption of Lasers, Optics and Photonics



5G+ and IoT proliferation

Ubiquitous expansion of electronics

WHY MKS?



CRITICAL TECHNOLOGIES

World-class technology and development capabilities for leading-edge processes



PROVEN PARTNER



Recognized leader delivering innovative, reliable solutions for our customers' most complex problems

OPERATIONAL EXCELLENCE

Consistent execution across all aspects of our business



COMPREHENSIVE PORTFOLIO



Extensive offering of products and services for the markets we serve