

# 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 supports our customers' ability 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

**Foundational technology leader** specializing in precision solutions for diverse end markets

**Leveraging powerful secular trends** in miniaturization, complexity and chemistry to drive the innovations that power our world

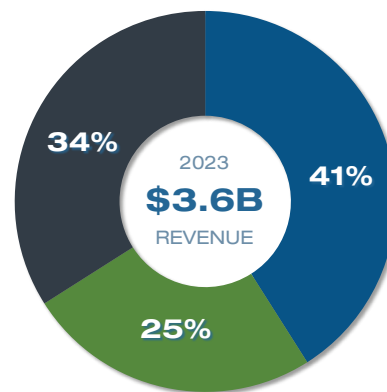
**Financial and operational scale** to drive growth across a broad array of end markets



## 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 technology that improve process performance, optimize productivity and enable unique innovations for many of the world's leading technology and industrial companies.

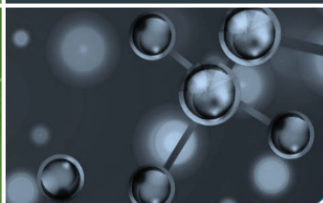
Our solutions are critical to addressing the challenges of miniaturization and complexity in advanced device manufacturing and to addressing ever-increasing performance requirements across a wide array of specialty industrial applications.



SEMICONDUCTOR

ELECTRONICS & PACKAGING

SPECIALTY INDUSTRIAL



## FOUNDED

HEADQUARTERED  
IN ANDOVER,  
MASSACHUSETTS  
WWW.MKS.COM

**1961**

## PEOPLE

EMPOWERING OUR DEDICATED  
WORKFORCE TO LEAD  
THE WAY IN NEW  
IDEAS AND  
INNOVATION

**~10K**

## GLOBAL REACH

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

**~34K**

## PATENTS

~1,900 ENGINEERS  
AND SCIENTISTS  
WITH \$288M  
INVESTED IN  
R&D IN 2023

**~3,800**

## SEMI CHIPS

MKS ADDRESSES GREATER  
THAN 85% OF WAFER  
FABRICATION  
EQUIPMENT  
MARKET<sup>(1)</sup>

**>85%**

## INDUSTRY LEADER

MKS HOLDS  
LEADING INDUSTRY  
POSITIONS IN TWENTY  
PRODUCT CATEGORIES<sup>(2)</sup>

**20**

<sup>(1)</sup>Internal Company estimate; <sup>(2)</sup>Product categories where Company estimates it is #1 or #2 in segment share

## OUR DIVISIONS & INDUSTRY-LEADING BRANDS

### VACUUM SOLUTIONS

### VSD

The Vacuum Solutions Division is comprised of products derived from our core competencies in pressure measurement and control, 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 lasers, photonics, optics, temperature sensing, precision motion control and vibration control.

### MATERIALS SOLUTIONS

### MSD

The Materials Solutions Division is comprised of our Atotech brand delivering leading process and manufacturing technologies for advanced surface modification, electroless and electrolytic plating, and surface finishing. The portfolio includes chemistry, equipment, software, and services for innovative and high-technology applications in our electronics and packaging and specialty industrial markets.

### NEXT-GENERATION TECHNOLOGY

Our size, reach, technical expertise and operational execution give us a unique advantage to provide **solutions in the latest emerging Tech trends.**

### AWARDS & RECOGNITIONS

- AMERICA'S MOST RESPONSIBLE COMPANIES 2024**  
*Newsweek and Statista, Inc.*
- BEST COMPANIES TO WORK FOR 2024**  
*Industrials and Business Services Industry U.S. News & World Report*
- CAMPUS FORWARD AWARD 2024**  
*RippleMatch*
- OUTSTANDING PRODUCTION SUPPORT 2023**  
*Taiwan Semiconductor Manufacturing Company (TSMC)*
- OUTSTANDING SERVICE AWARD 2023**  
*MFLEX*

### UNIQUELY POSITIONED FOR HIGH-GROWTH MARKET SEGMENTS

**Semiconductor demand/complexity drives WFE<sup>(1)</sup>**

Opportunity for market share gains as equipment spend increases

<sup>(1)</sup>Wafer Fabrication Equipment spend

**Mechanical to laser-based manufacturing**

Accelerating adoption of Lasers, Optics and Photonics

**AI and IoT proliferation**

Ubiquitous expansion of electronics

<b>CRITICAL TECHNOLOGIES</b> World-class technology and development capabilities for leading-edge processes	<b>PROVEN PARTNER</b> Recognized leader delivering innovative, reliable solutions for our customers' most complex problems
<b>OPERATIONAL EXCELLENCE</b> Consistent execution across all aspects of our business	<b>COMPREHENSIVE PORTFOLIO</b> Extensive offering of products and services for the markets we serve