

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.

FOUNDED

HEADQUARTERED IN ANDOVER, MASSACHUSETTS
www.MKSINST.COM

1961

KEY MESSAGES

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



PEOPLE

DEDICATED WORKFORCE PROVIDING INNOVATIVE SOLUTIONS

~10K

GLOBAL REACH

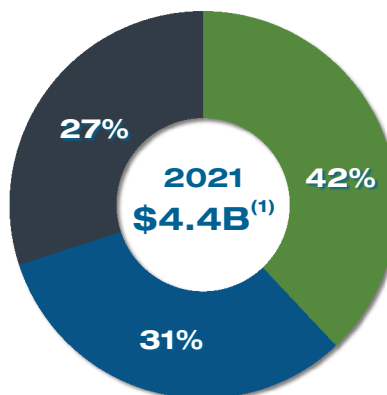
TOTAL CUSTOMERS ACROSS THE GLOBE; WHEREVER YOU ARE – WHENEVER YOU NEED US

33K+

BALANCED & DIVERSIFIED END MARKETS

MKS delivers foundational technology solutions to leading edge semiconductor manufacturing, advanced electronics 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.



PATENTS

2,000+ ENGINEERS & SCIENTISTS WITH \$253M INVESTED IN R&D IN 2021⁽¹⁾

3,800+

SEMI CHIPS

MANUFACTURED USING MKS PRODUCTS & SOLUTIONS⁽²⁾

~100%

INDUSTRY LEADER

MKS HOLDS LEADING INDUSTRY POSITION IN TWENTY-FOUR PRODUCT CATEGORIES⁽³⁾

24



⁽¹⁾Pro forma revenue consists of revenue for FY 2021 for MKS and Atotech; ⁽²⁾Internal Company estimates; ⁽³⁾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

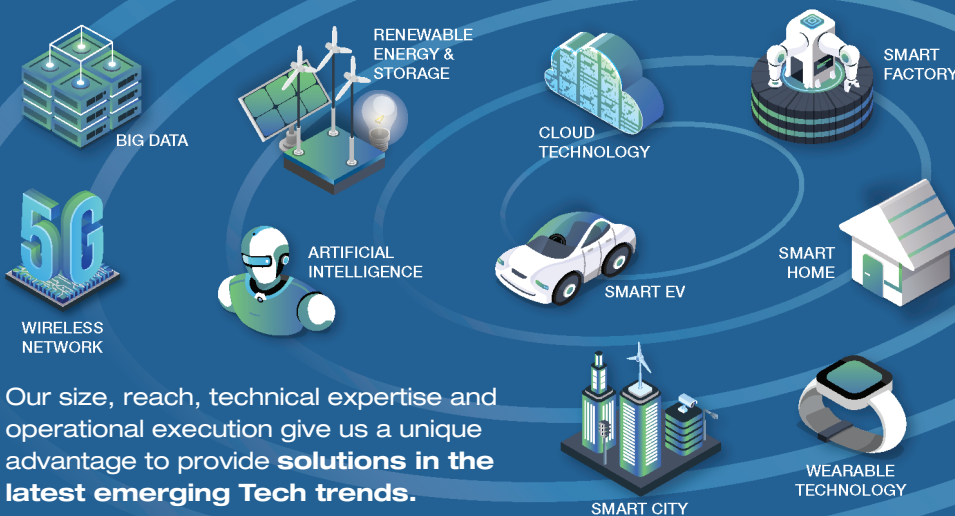
The Photonics Solutions Division is comprised of our Newport™, Ophir®, Spectra-Physics® and ESI® brands, providing a full range of solutions in photonics, motion positioning, temperature sensing, and optics from Newport, laser technologies from Spectra-Physics, thermal imaging optics from Ophir, and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



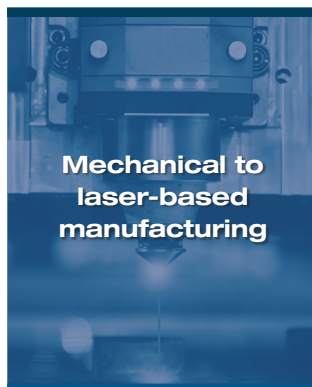
Our size, reach, technical expertise and operational execution give us a unique advantage to provide **solutions in the latest emerging Tech trends.**

UNIQUELY POSITIONED FOR HIGH GROWTH MARKET SEGMENTS



Market share gains as equipment spend increases

⁽¹⁾Wafer Fabrication Equipment spend



Accelerating adoption of Lasers, Optics and Photonics



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