

MKS Instruments, Inc. (MKS) is a provider of instruments, subsystems and process control solutions that measures, controls, powers, monitors and analyzes critical parameters of advanced manufacturing processes to improve process performance and productivity. The Company provides Technology Solutions for critical processes for the environmental monitoring, defense & security, life sciences & research, process & industrial manufacturing, and thin film industries. For Critical Processes

**Company Facts [Website](#)**

<b>Ticker</b>	<b>Market Cap</b>	<b>Sector</b>	<b>Exchange</b>	<b>Currency</b>	<b>Indices</b>
<b>MKSI</b>	<b>\$3.08bn</b>	<b>Instruments</b>	<b>NASDAQ</b>	<b>\$</b>	<b>n/a</b>

**Key Features**

- Global Service, which includes the worldwide servicing of instruments, control and vacuum products, power and reactive gas products and certain other product groups; Asia Region Sales, which includes sales of products that are re-sold from the Advanced Manufacturing Capital Equipment and Other segments into Asia regions, and Other.
- Our primary served markets include semiconductor capital equipment, industrial manufacturing, environmental, medical, life sciences and scientific research.
- Leading edge provider in Defense and Security technology solutions, with proven expertise utilized across a broad spectrum of technologies and in devices that range from infrared imaging tools to sophisticated targeting equipment including Chemical Warfare Agent Analyzer against the use of airborne chemical warfare agents
- MKS Instruments, Inc is the worldwide leader in technology solutions for the environmental monitoring, defense & security, life sciences & research, process & industrial manufacturing, and thin film industries.
- The Company groups its products into three groups, including instruments, control and vacuum products; power and reactive gas products, and analytical solutions group products.
- Since going public in 1999, MKS has successfully completed more than 15 additional technology acquisitions in various countries.
- Recent successful acquisition strategy. Aril 2016 NEWPORT : 4.8Bn
- Continually improving financial performance, Strong free cash flow generation
- Strong Balance Sheet, Cash Flow & Financial Results
- Free cash flow was also up by more than 40% from 2015
- Year on year share performance increase 45.81%. (1 Dec 2015 \$37.39 1 Dec 2016 \$54.55)

**Key Statistics [CLICK HERE](#)****Recent News**

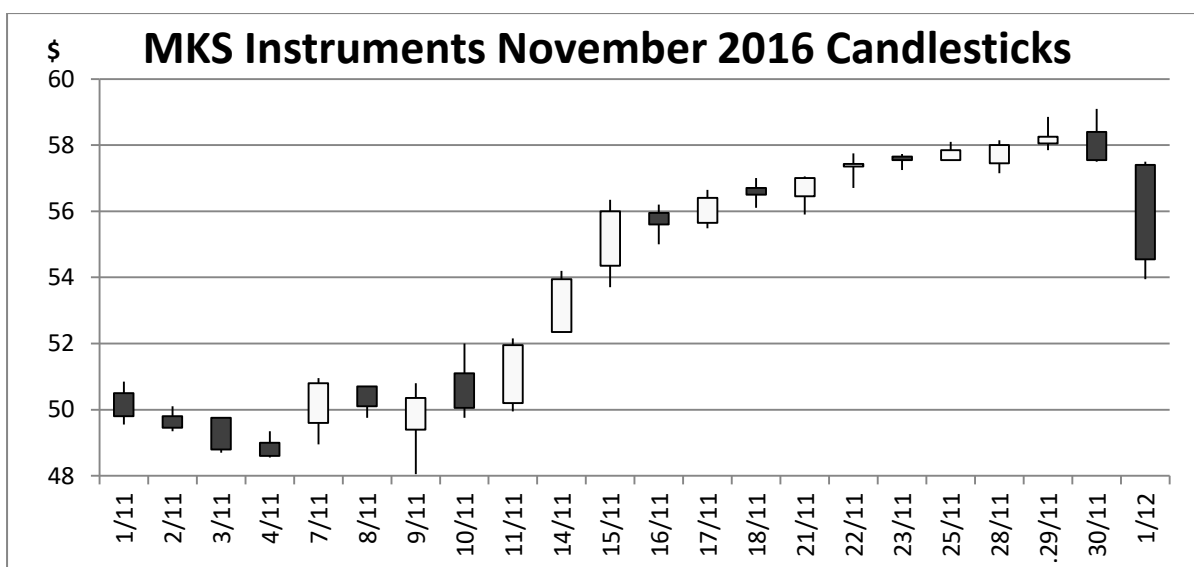
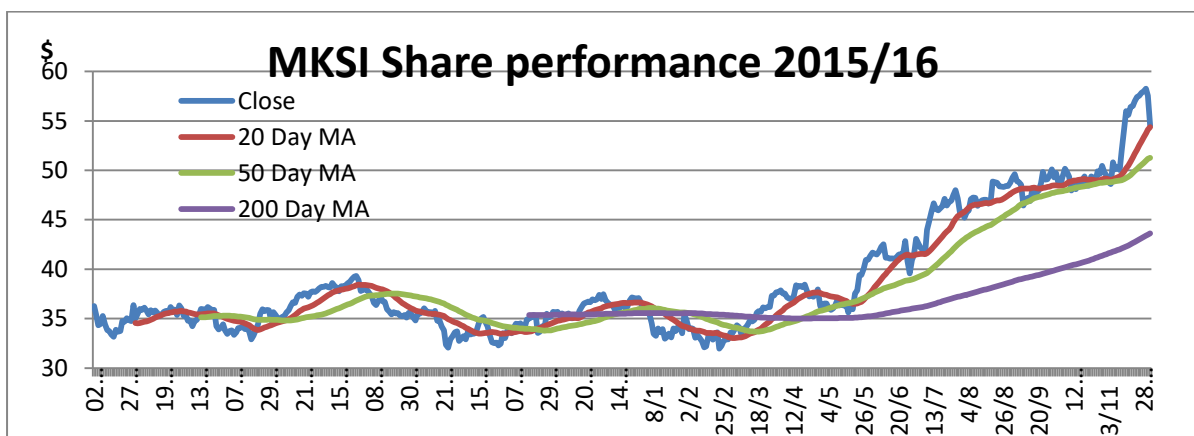
- [Investor Presentation 29 November 2016](#)
- Major Customer Collaboration Awards : 2016 Supplier Excellence Award for Exemplary Technology Collaboration and Innovation

**Financial Performance**

- [2015 Annual Report](#) [Analyst Estimates](#) [2016 Investor presentation 29 November 2016](#)

Non GAAP Results	Quarter 3 2016 \$m	Balance Sheet & Cash Flow	Quarter 3 2016
Revenue	381	Cash & ShortTerm Investments	\$426m
Gross Margin	45.50%	Consolidated Debt,Net	\$673m
Operating Expenses	\$100.3	Pro Forma Leverage Ratio	2.4X
Operating Profit	19.20%	Days Sales Outstanding	58
Net Earnings	\$47.3	Inventory Returns	3.0X
EPS	\$0.87	Free Cash Flow	\$71M
Diluted Shares	54.3M		

**TECHNICAL ANALYSIS** – Technical Diagnosis – Moving Averages are traditionally used as lagging indicators on the general trend of a share. All moving averages for MKS Instruments have been upward sloping in line with its price with a steep price incline. The 200 Moving Average has been on significant rising momentum since May 2016 with a golden cross (where the 50 crosses the 200 crosses occurring in April 2016). The long term trend has been one of significant upside with all moving averages following trajectory northwards. The November 2016 candlesticks till month end saw continued momentum until 30 November when kicker bearish candles saw a sharp retracement on 1 December. After reviewing the day’s activities, I adopted a contrarian approach believing that the pullback for the two days (30 Nov/1 Dec) was consistent with general market noise. Considering this to be a temporary pullback with an artificial \$54 support level on 1 Dec, I bought 126 shares at \$54.40 on the basis that long term performance would again see the share recover to its previous upward trend *although this may not be guarenteed*. **Please note this analysis is not advice but interpretation of potential market moves. Performance is no guide to the future.** First Share Reviewed on 2 Dec 2016 at \$54.55 Current Price 15 Jan 2017 \$62.40



**Visitors are advised to conduct independent research**