

**MKS INSTRUMENTS, INC.**  
**ADJUSTED PRO FORMA REVENUE BY MARKET**  
**2015-2018**

QUARTER ENDED	Light & Motion Division				Vacuum & Analysis Division		Consolidated MKS			
	Revenue	Reclassification	Adjusted Revenue	% TOTAL	Revenue	% TOTAL	Revenue	Reclassification	Adjusted Revenue	% TOTAL
Semiconductor Market	32,824	(6,590)	26,234	16.7%	151,089	70.7%	183,913	(6,590)	177,323	47.9%
Advanced Markets	123,831	6,590	130,421	83.3%	62,750	29.3%	186,581	6,590	193,171	52.1%
<b>Q1-15</b>	<b>156,655</b>	<b>0</b>	<b>156,655</b>	<b>100.0%</b>	<b>213,839</b>	<b>100.0%</b>	<b>370,494</b>	<b>0</b>	<b>370,494</b>	<b>100.0%</b>
Semiconductor Market	32,844	(6,527)	26,317	17.8%	154,197	70.7%	187,041	(6,527)	180,514	49.3%
Advanced Markets	115,133	6,527	121,660	82.2%	63,769	29.3%	178,902	6,527	185,429	50.7%
<b>Q2-15</b>	<b>147,977</b>	<b>0</b>	<b>147,977</b>	<b>100.0%</b>	<b>217,966</b>	<b>100.0%</b>	<b>365,943</b>	<b>0</b>	<b>365,943</b>	<b>100.0%</b>
Semiconductor Market	31,728	(7,374)	24,354	16.5%	142,827	68.2%	174,555	(7,374)	167,181	46.8%
Advanced Markets	115,833	7,374	123,206	83.5%	66,505	31.8%	182,338	7,374	189,711	53.2%
<b>Q3-15</b>	<b>147,560</b>	<b>0</b>	<b>147,560</b>	<b>100.0%</b>	<b>209,332</b>	<b>100.0%</b>	<b>356,892</b>	<b>0</b>	<b>356,892</b>	<b>100.0%</b>
Semiconductor Market	30,672	(7,403)	23,269	15.5%	113,795	66.0%	144,467	(7,403)	137,064	42.4%
Advanced Markets	119,828	7,403	127,230	84.5%	58,592	34.0%	178,420	7,403	185,822	57.6%
<b>Q4-15</b>	<b>150,499</b>	<b>0</b>	<b>150,499</b>	<b>100%</b>	<b>172,387</b>	<b>100%</b>	<b>322,886</b>	<b>0</b>	<b>322,886</b>	<b>100.0%</b>
Semiconductor Market	128,067	(27,893)	100,174	16.6%	561,908	69.1%	689,975	(27,893)	662,082	46.8%
Advanced Markets	474,624	27,893	502,517	83.4%	251,616	30.9%	726,240	27,893	754,133	53.2%
<b>2015 YTD TOTAL</b>	<b>602,691</b>	<b>0</b>	<b>602,691</b>	<b>100%</b>	<b>813,524</b>	<b>100%</b>	<b>1,416,215</b>	<b>0</b>	<b>1,416,215</b>	<b>100%</b>
Semiconductor Market	34,333	(8,534)	25,799	17.6%	134,676	73.3%	169,009	(8,534)	160,475	48.6%
Advanced Markets	111,989	8,534	120,523	82.4%	49,005	26.7%	160,994	8,534	169,528	51.4%
<b>Q1-16</b>	<b>146,322</b>	<b>0</b>	<b>146,322</b>	<b>100.0%</b>	<b>183,681</b>	<b>100.0%</b>	<b>330,003</b>	<b>0</b>	<b>330,003</b>	<b>100.0%</b>
Semiconductor Market	34,705	(7,879)	26,826	17.7%	147,082	70.9%	181,787	(7,879)	173,908	48.5%
Advanced Markets	116,569	7,879	124,448	82.3%	60,286	29.1%	176,855	7,879	184,734	51.5%
<b>Q2-16</b>	<b>151,274</b>	<b>0</b>	<b>151,274</b>	<b>100.0%</b>	<b>207,368</b>	<b>100.0%</b>	<b>358,642</b>	<b>0</b>	<b>358,642</b>	<b>100.0%</b>
Semiconductor Market	37,112	(8,552)	28,560	18.9%	172,736	75.4%	209,848	(8,552)	201,296	52.9%
Advanced Markets	114,325	8,552	122,877	81.1%	56,486	24.6%	170,811	8,552	179,363	47.1%
<b>Q3-16</b>	<b>151,437</b>	<b>0</b>	<b>151,437</b>	<b>100.0%</b>	<b>229,223</b>	<b>100.0%</b>	<b>380,660</b>	<b>0</b>	<b>380,660</b>	<b>100.0%</b>
Semiconductor Market	38,661	(10,376)	28,285	18.5%	190,215	75.4%	228,876	(10,376)	218,500	53.9%
Advanced Markets	114,332	10,376	124,708	81.5%	61,933	24.6%	176,265	10,376	186,641	46.1%
<b>Q4-16</b>	<b>152,993</b>	<b>0</b>	<b>152,993</b>	<b>100.0%</b>	<b>252,148</b>	<b>100.0%</b>	<b>405,141</b>	<b>0</b>	<b>405,141</b>	<b>100.0%</b>
Semiconductor Market	144,811	(35,342)	109,469	18.2%	644,709	73.9%	789,520	(35,342)	754,178	51.1%
Advanced Markets	457,215	35,342	492,557	81.8%	227,710	26.1%	684,925	35,342	720,267	48.9%
<b>2016 YTD TOTAL</b>	<b>602,026</b>	<b>0</b>	<b>602,026</b>	<b>100%</b>	<b>872,420</b>	<b>100%</b>	<b>1,474,445</b>	<b>0</b>	<b>1,474,445</b>	<b>100%</b>
Semiconductor Market	41,337	(11,637)	29,700	18.7%	218,804	78.7%	260,140	(11,637)	248,504	56.8%
Advanced Markets	117,756	11,637	129,393	81.3%	59,257	21.3%	177,013	11,637	188,650	43.2%
<b>Q1-17</b>	<b>159,093</b>	<b>0</b>	<b>159,093</b>	<b>100.0%</b>	<b>278,060</b>	<b>100.0%</b>	<b>437,153</b>	<b>0</b>	<b>437,153</b>	<b>100.0%</b>
Semiconductor Market	48,826	(12,400)	36,426	21.3%	246,092	79.4%	294,918	(12,400)	282,518	58.8%
Advanced Markets	122,045	12,400	134,446	78.7%	63,793	20.6%	185,838	12,400	198,239	41.2%
<b>Q2-17</b>	<b>170,872</b>	<b>0</b>	<b>170,872</b>	<b>100.0%</b>	<b>309,885</b>	<b>100.0%</b>	<b>480,757</b>	<b>0</b>	<b>480,757</b>	<b>100.0%</b>
Semiconductor Market	43,707	(9,570)	34,137	19.2%	246,511	80.0%	290,218	(9,570)	280,649	57.7%
Advanced Markets	134,291	9,570	143,860	80.8%	61,758	20.0%	196,048	9,570	205,618	42.3%
<b>Q3-17</b>	<b>177,998</b>	<b>0</b>	<b>177,998</b>	<b>100.0%</b>	<b>308,269</b>	<b>100.0%</b>	<b>486,267</b>	<b>0</b>	<b>486,267</b>	<b>100.0%</b>
Semiconductor Market	38,251	(2,250)	36,001	18.0%	248,290	79.8%	286,541	(2,250)	284,291	55.5%
Advanced Markets	162,306	2,250	164,557	82.0%	62,952	20.2%	225,259	2,250	227,509	44.5%
<b>Q4-17</b>	<b>200,557</b>	<b>0</b>	<b>200,557</b>	<b>100.0%</b>	<b>311,242</b>	<b>100.0%</b>	<b>511,800</b>	<b>0</b>	<b>511,800</b>	<b>100.0%</b>
Semiconductor Market	172,121	(35,857)	136,264	19.2%	959,697	79.5%	1,131,818	(35,857)	1,095,961	57.2%
Advanced Markets	536,399	35,857	572,256	80.8%	247,759	20.5%	784,159	35,857	820,015	42.8%
<b>2017 YTD TOTAL</b>	<b>708,520</b>	<b>0</b>	<b>708,520</b>	<b>100%</b>	<b>1,207,457</b>	<b>100%</b>	<b>1,915,977</b>	<b>0</b>	<b>1,915,977</b>	<b>100%</b>
Semiconductor Market	37,813	0	37,813	18.4%	275,701	79.1%	313,514	0	313,514	56.6%
Advanced Markets	168,118	0	168,118	81.6%	72,643	20.9%	240,761	0	240,761	43.4%
<b>Q1-18</b>	<b>205,931</b>	<b>0</b>	<b>205,931</b>	<b>100.0%</b>	<b>348,344</b>	<b>100.0%</b>	<b>554,275</b>	<b>0</b>	<b>554,275</b>	<b>100.0%</b>
Semiconductor Market	37,813	0	37,813	18.4%	275,701	79.1%	313,514	0	313,514	56.6%
Advanced Markets	168,118	0	168,118	81.6%	72,643	20.9%	240,761	0	240,761	43.4%
<b>2018 YTD TOTAL</b>	<b>205,931</b>	<b>0</b>	<b>205,931</b>	<b>100%</b>	<b>348,344</b>	<b>100%</b>	<b>554,275</b>	<b>0</b>	<b>554,275</b>	<b>100%</b>