

## 1790 Analytics Patent Scorecard (2019) - Semiconductor Equipment Manufacturing

Industry	Rank	Organization (Parent)	Country	2019 US Patents	Pipeline Growth Index	Pipeline Impact	% Self-Citations	Adjusted Pipeline Impact	Pipeline Generality	Pipeline Originality	Pipeline Power
Semiconductor Equipment Mfg	1	Applied Materials Inc.	USA	733	1.25	3.84	85.1%	1.73	2.38	1.01	3806.79
Semiconductor Equipment Mfg	2	Lam Research Corp.	USA	260	0.94	2.83	43.5%	2.45	4.57	1.05	2861.13
Semiconductor Equipment Mfg	3	ASM International N.V.	Netherlands	137	1.52	5.00	97.9%	1.60	5.00	1.06	1771.53
Semiconductor Equipment Mfg	4	KLA-Tencor Corp.	USA	249	1.28	1.33	64.1%	0.88	2.20	1.10	679.58
Semiconductor Equipment Mfg	5	Tokyo Electron Limited	Japan	415	1.06	1.10	11.0%	1.10	0.97	1.23	576.20
Semiconductor Equipment Mfg	6	ASML Holding NV	Netherlands	319	1.27	0.83	59.4%	0.59	1.20	0.94	269.76
Semiconductor Equipment Mfg	7	ASE Technology Holding	Taiwan	142	1.10	0.66	9.9%	0.66	0.68	1.01	70.76
Semiconductor Equipment Mfg	8	Screen Holdings Co Ltd	Japan	112	1.24	0.55	26.5%	0.55	0.80	1.11	68.04
Semiconductor Equipment Mfg	9	Winbond Electronics Corp.	Taiwan	171	1.66	0.34	10.3%	0.34	0.43	0.87	35.66