

Customer Satisfaction Survey Celebrates 30 Years

A Look Back...

- 2018 marks the 30th year VLSIresearch has released its annual Customer Satisfaction Survey
- To commemorate this landmark, we are issuing the survey results beginning with the 1988 survey each week
- Accolades to the respondents and companies that have supported this unique industry survey



Customer Satisfaction Survey Celebrates 30 Years

A Look Back...



10 BEST Semiconductor Equipment Companies of 1988



10 BEST CUSTOMER RATED COMPANIES

Advantest
Bruce Systems
KLA Instruments
Kulicke & Soffa
Lam Research
Lasertec
LTX Corp
Nikon Corp
Schlumberger
Teradyne

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A Look Back...



10 BEST Semiconductor Equipment Companies of 1989



10 BEST CUSTOMER RATED COMPANIES	
RNK	
1	Aseco
2	ESEC
3	Quantronix
4	Advantest
5	KLA Instruments
6	LTX Corp
7	Teradyne
8	Shinkawa
9	Lam Research
10	Applied Materials

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A Look Back...



10 BEST Semiconductor Equipment Companies of 1990



10 BEST CUSTOMER RATED COMPANIES		
RNK		SCORE
1	Advantest	7.98
2	Aseco	7.75
3	ESEC	7.58
4	Hewlett-Packard	7.56
5	Novellus	7.46
6	Lam Research	7.32
7	Teradyne	7.08
8	LTX Corp	6.82
9	KLA Instruments	6.66
10	Eaton Corp	6.64

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A Look Back...



10 BEST Semiconductor Equipment Companies of 1991

**10 BEST CUSTOMER RATED COMPANIES
FOR PROCESS EQUIPMENT**

RNK		SCORE
1	Watkins-Johnson	7.62
2	Canon	7.59
3	Karl Suss	7.13
4	Eaton Corp	7.12
5	Lam Research	6.95
6	Applied Materials	6.80
7	Hitachi	6.76
8	GCA	6.74
9	ASM Lithography, Inc.	6.65
10	Nikon Corp	6.62

**10 BEST CUSTOMER RATED COMPANIES
FOR TEST & MEASUREMENT EQUIPMENT**

RNK		SCORE
1	Aetrium	8.04
2	Aseco	7.99
3	KLA Instruments	7.82
4	Teradyne	7.63
5	Electroglas	7.48
6	Tencor Instruments	7.32
7	Schlumberger	7.12
8	Prometrix	7.06
9	Advantest	6.77
10	LTX Corp	6.75

**10 BEST CUSTOMER RATED COMPANIES
FOR ASSEMBLY & SPECIALTY EQUIPMENT**

RNK		SCORE
1	Orthodyne	8.71
2	ESEC	8.42
3	CTI-Cryogenics	8.19
4	Ultratech Stepper	6.96

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10 BEST Semiconductor Equipment Companies of 1993

10 BEST CUSTOMER RATED COMPANIES FOR PROCESS EQUIPMENT		
RNK		SCORE
1	Karl Suss	7.87
2	Canon	7.45
3	Lam Research	7.41
4	Novellus	7.36
5	GCA	7.29
6	Eaton	7.07
7	Applied Materials	7.04
8	Tokyo Electron Ltd.	6.95
9	FSI	6.92
10	Ultratech Stepper	6.85

10 BEST CUSTOMER RATED COMPANIES FOR TEST & MEASUREMENT EQUIPMENT		
RNK		SCORE
1	Aetrium	8.38
2	Integrated Meas Sys	8.03
3	Teradyne	7.89
4	Advantest	7.63
5	Electroglas	7.62
6	Hewlett-Packard	7.50
7	Aseco Corp	7.40
8	LTX Corp	7.37
9	Tencor Instruments	7.18
10	KLA Instruments	6.95

10 BEST CUSTOMER RATED COMPANIES FOR ASSEMBLY & SPECIALTY EQUIPMENT		
RNK		SCORE
1	ESEC	8.67
2	Orthodyne	8.16
3	Kulicke & Soffa	7.46

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10 BEST Semiconductor Equipment Companies of 1994

10 BEST CUSTOMER RATED COMPANIES FOR PROCESS EQUIPMENT		
RNK		SCORE
1	Novellus	7.82
2	Eaton	7.67
3	OnTrak Systems	7.28
4	Lam Research	7.19
5	FSI	7.18
6	Applied Materials	7.08
7	Dainippon Screen	6.98
8	Watkins-Johnson	6.98
9	Canon Inc.	6.83
10	MRC	6.78

10 BEST CUSTOMER RATED COMPANIES FOR TEST & MATERIAL HANDLING EQUIPMENT		
RNK		SCORE
1	IMS	7.99
2	Hewlett-Packard Co.	7.80
3	Teradyne	7.66
4	Electroglas	7.63
5	Advantest	7.43
6	Aetrium	7.20
7	Delta Design	7.09
8	Schlumberger	7.06
9	Megatest	6.99
10	KLA	6.81

10 BEST CUSTOMER RATED COMPANIES FOR ASSEMBLY & SPECIALTY EQUIPMENT		
RNK		SCORE
1	Orthodyne	8.64
2	ESEC	8.56
3	RVSI	7.62
4	Kulicke & Soffa	7.59
5	Assembly Tech	7.42
6	Texas Instruments	7.08

10 BEST CUSTOMER RATED COMPANIES FOR PROCESS DIAGNOSTIC EQUIPMENT		
RNK		SCORE
1	Tencor Instruments	7.28
2	KLA Instruments	7.18
3	Prometrix	7.15
4	Hewlett-Packard	7.07
5	ADE	6.78
6	Rudolph Research	6.53
7	Therma-Wave	6.09
8	Hitachi	5.79
9	Nanometrics	5.32

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10 BEST Semiconductor Equipment Companies of 1995

10 BEST CUSTOMER RATED COMPANIES FOR PROCESS EQUIPMENT		
RNK		SCORE
1	Mattson Tech, Inc.	7.83
2	Novellus Systems Inc.	7.54
3	Eaton Corp	7.49
4	Tokyo Electron Ltd.	7.28
5	Applied Materials	7.19
6	Nikon Corporation	7.15
7	OnTrak Systems, Inc.	7.10
8	Ultratech Stepper	7.05
9	Canon Inc.	6.96
10	Lam Research	6.88

10 BEST CUSTOMER RATED COMPANIES FOR TEST & MATERIAL HANDLING EQUIPMENT		
RNK		SCORE
1	IMS	8.36
2	Hewlett-Packard Co.	8.08
3	Aetrium	7.89
4	ASECO Corp	7.87
5	Teradyne	7.74
6	Advantest	7.49
7	Electroglas Inc.	7.49
8	Delta Design	7.03
9	Credence Sys Corp	6.88
10	Schlumberger ATE	6.75

10 BEST CUSTOMER RATED COMPANIES FOR ASSEMBLY & SPECIALTY EQUIPMENT		
RNK		SCORE
1	Alphasem AG	8.53
2	Orthodyne Electronic	8.47
3	ESEC	8.33
4	Hitachi Ltd.	7.94
5	Texas Instruments	7.59
6	RVSI	7.45
7	Kaijo Corporation	7.37
8	Advanced Semi Mat'ls	6.63
9	Kulicke & Soffa	6.50
10	3S-Phoenix	5.83

10 BEST CUSTOMER RATED COMPANIES FOR PROCESS DIAGNOSTIC EQUIPMENT		
RNK		SCORE
1	Hewlett Packard	8.18
2	Rudolph Research	7.30
3	Tencor Instruments	7.06
4	Solid State Meas	7.03
5	KLA Instruments Corp	6.87
6	ADE Corporation	6.31
7	Therma-Wave Inc.	6.23

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10 BEST Semiconductor Equipment Companies of 1996

10 BEST CUSTOMER RATED COMPANIES FOR PROCESS EQUIPMENT (SALES >\$300M)			10 BEST CUSTOMER RATED COMPANIES FOR PROCESS EQUIPMENT (SALES <\$300M)			10 BEST CUSTOMER RATED COMPANIES FOR TEST & MATERIAL HANDLING EQUIPMENT			10 BEST CUSTOMER RATED COMPANIES FOR ASSEMBLY & SPECIALTY EQUIPMENT			10 BEST CUSTOMER RATED COMPANIES FOR PROCESS DIAGNOSTIC EQUIPMENT		
RNK		SCORE	RNK		SCORE	RNK		SCORE	RNK		SCORE	RNK		SCORE
1	Novellus	7.62	1	Karl Suss	7.72	1	ASECO	8.31	1	Alphasem AG	8.77	1	KLA Instruments	7.78
2	Nikon	7.42	2	AST	7.70	2	Karl Suss	8.02	2	Orthodyne Electronic	8.62	2	Solid State Measurements	7.63
3	Varian	7.37	3	Mattson	7.61	3	IMS	7.82	3	ESEC	8.41	3	Rudolph Research	7.63
4	Hitachi	7.37	4	Ultratech Stepper	7.57	4	Electrogilas	7.77	4	Disco Corporation	8.29	4	Hewlett-Packard	7.42
5	Eaton	7.36	5	GoSonics	7.50	5	Teradyne	7.73	5	Kulicke & Soffa	8.28	5	Tencor Instruments	7.33
6	Tokyo Electron	7.32	6	Fusion	7.42	6	Tokyo Seimitsu	7.71	6	Kaijo Corp.	8.08	6	Opal, Inc.	7.22
7	Dainippon Screen	7.28	7	Tegal	7.38	7	Advantest	7.70	7	Shinkawa Ltd.	8.02	7	Hitachi Ltd.	7.08
8	Applied Materials	7.15	8	MRC	7.34	8	Credence Systems Corp.	7.58	8	RVSI	7.92	8	Therma-Wave Inc.	7.06
9	Lam Research	6.77	9	FSI	7.06	9	Schlumberger ATE	7.49	9	F&K Devoltec Bontechnik	7.61	9	ADE Corporation	6.44
10	Canon	6.73	10	Genus	6.96	10	Tokyo Electron	7.48	10	ESC	7.51			

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10 BEST Semiconductor Equipment Companies of 1997

10 BEST CUSTOMER RATED
COMPANIES FOR WAFER PROCESS
EQUIPMENT (SALES >\$300M)

RNK		SCORE
1	Varian	8.06
2	Novellus	7.37
3	Tokyo Electron	7.24
4	Applied Materials	7.18
5	Eaton Corp.	7.11
6	Dainippon Screen	7.04
7	Canon Inc.	6.77
8	Lam Research	6.65
9	Silicon Valley Group	6.37

10 BEST CUSTOMER RATED
COMPANIES FOR WAFER PROCESS
EQUIPMENT (SALES <\$300M)

RNK		SCORE
1	AST elektronik	7.93
2	Karl Suss	7.67
3	GaSonics Int'l	7.58
4	Semitool Inc.	6.71
5	Materials Research Corp.	6.50
6	Watkins-Johnson	6.40
7	Ultratech Stepper	6.35

10 BEST CUSTOMER RATED
COMPANIES FOR TEST & MATERIAL
HANDLING EQUIPMENT

RNK		SCORE
1	IMS	8.36
2	Tokyo Seimitsu	7.74
3	Teradyne	7.71
4	Hewlett-Packard	7.67
5	Advantest	7.43
6	Tokyo Electron	7.29
7	Schlumberger ATE	7.29
8	Electroglas	7.16
9	LTX Corporation	6.37
10	Ando Electric	6.07

10 BEST CUSTOMER RATED
COMPANIES FOR ASSEMBLY &
SPECIALTY EQUIPMENT

RNK		SCORE
1	Alphasem AG	9.48
2	Orthodyne Electronic	8.86
3	ESEC SA	8.74
4	ESC	8.39
5	Disco Corporation	8.17
6	F & K Delvotec Bondtech	7.96
7	Kulicke & Soffa	6.26

10 BEST CUSTOMER RATED
COMPANIES FOR PROCESS
DIAGNOSTIC EQUIPMENT

RNK		SCORE
1	Hewlett-Packard	7.53
2	Rudolph Technologies	7.45
3	Tencor Instruments	7.31
4	Solid State Measurements	7.22
5	Opal, Inc.	7.14
6	KLA Instruments Corp	6.93
7	Hitachi Ltd.	6.66
8	ADE Corporation	6.63
9	Therma-Wave Inc.	5.98

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10 BEST Semiconductor Equipment Companies of 1998

10 BEST CUSTOMER RATED COMPANIES FOR WAFER PROCESS EQUIPMENT (SALES >\$300M)			10 BEST CUSTOMER RATED COMPANIES FOR WAFER PROCESS EQUIPMENT (SALES <\$300M)			10 BEST CUSTOMER RATED COMPANIES FOR TEST & MATERIAL HANDLING EQUIPMENT			10 BEST CUSTOMER RATED COMPANIES FOR ASSEMBLY & SPECIALTY EQUIPMENT			10 BEST CUSTOMER RATED COMPANIES FOR PROCESS DIAGNOSTIC EQUIPMENT		
RNK		SCORE	RNK		SCORE	RNK		SCORE	RNK		SCORE	RNK		SCORE
1	Varian	8.33	1	AST elektronik	8.21	1	Karl Suss	8.71	1	Alphasem AG	9.08	1	Hewlett-Packard	7.90
2	Eaton Corp	7.65	2	FSI International	7.87	2	IMS	8.31	2	Orthodyne Electronic	8.66	2	Hitachi Ltd	7.57
3	ASML	7.56	3	Karl Suss	7.79	3	SZ Testsysteme	8.14	3	ESEC SA	8.45	3	Rudolph Technologies	7.56
4	Nikon Corporation	7.28	4	Tegal Corporation	7.72	4	Teradyne	7.87	4	Disco Corporation	8.12	4	JEOL Ltd	7.44
5	Tokyo Electron	7.17	5	Ultratech Stepper	7.55	5	Tokyo Seimitsu	7.78	5	Datacon GmbH	7.99	5	Solid State Measurements	7.32
6	Novellus	7.06	6	GaSonics International	7.53	6	Advantest	7.62	6	Fico bv	7.99	6	Bio-Rad	7.21
7	Applied Materials	6.97	7	Plasma-Therm	7.31	7	Schlumberger	7.36	7	General Scanning	7.96	7	Leica Corporation	7.18
8	Canon	6.90	8	Aixtron AG	7.08	8	Tokyo Electron	7.31	8	Kulicke & Soffa	7.92	8	KLA-Tencor	7.11
9	Dainnipon Screen	6.88	9	Etec Systems	7.00	9	Electrogas	7.30	9	ESC	7.82	9	Therma-Wave	7.10
10	Kokusai Electric	6.88	10	AG Associates	6.92	10	Hewlett-Packard	7.18	10	Boschman Technologies	7.58	10	Applied Materials	6.90

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10 BEST Chip Making Equipment Suppliers of 1999

10 BEST WAFER PROCESS EQUIPMENT (SALES >\$300M)			10 BEST WAFER PROCESS EQUIPMENT (SALES <\$300M)			10 BEST TEST & MATERIAL HANDLING EQUIPMENT			10 BEST ASSEMBLY & SPECIALTY EQUIPMENT			10 BEST PROCESS DIAGNOSTIC EQUIPMENT		
RNK		SCORE	RNK		SCORE	RNK		SCORE	RNK		SCORE	RNK		SCORE
1	Varian Semi. Equip. Assoc.	8.92	1	Ultratech Stepper	7.92	1	SUSS MicroTec AG	8.89	1	Alphasem AG	9.17	1	Hewlett-Packard	7.99
2	ASM Lithography	7.73	2	AIXTRON AG	7.89	2	IMS	8.30	2	Orthodyne Electronics	8.98	2	Hitachi Ltd	7.70
3	Eaton Corporation	7.66	3	WJ Semicond. Equip. Group	7.72	3	Tokyo Seimitsu	8.19	3	Universal Instruments Corp.	8.19	3	JEOL Ltd	7.69
4	Nikon Corporation	7.38	4	Tegal Corporation	7.47	4	TMT Inc.	8.06	4	ICOS Vision Systems	8.12	4	Rudolph Technologies	7.54
5	Novellus Systems, Inc.	7.26	5	STEAG AST Elektronik	7.26	5	Electrogilas	7.98	5	DISCO Corporation	7.88	5	Keithley Instruments, Inc.	7.24
6	Kokusai Electric	7.19	6	SUSS MicroTec AG	7.20	6	Tokyo Electron Ltd.	7.96	6	ESEC SA	7.85	6	KLATencor	7.01
7	Applied Materials	7.10	7	Genus	7.17	7	SZ Testsysteme	7.95	7	Datacon GmbH	7.72	7	Therma-Wave	6.66
8	Canon	7.09	8	Ulvac Corporation	7.13	8	Advantest	7.82	8	Shinkawa Ltd	7.56			
9	Tokyo Electron Ltd.	6.92	9	FSI International	6.98	9	Schlumberger ATE	7.57	9	Ismeca SA	7.37			
10	Lam Research	6.89	10	CFM Technologies, Inc.	6.82	10	Teradyne	7.52	10	Kulicke & Soffa	7.35			

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A Look Back...



10 BEST Chip Making Equipment Companies of 2000

10 BEST CUSTOMER RATED
COMPANIES FOR WAFER PROCESS
EQUIPMENT (SALES >\$300M)

RNK		SCORE
1	Varian Semi. Equip.	8.66
2	ASM Lithography	8.27
3	Dainippon Screen Mfg. Co.	7.83
4	Tokyo Electron Limited	7.67
5	Canon	7.51
6	Novellus Systems, Inc.	7.39
7	Nikon Corporation	7.33
8	Eaton Corporation	7.23
9	Applied Materials	6.99
10	Silicon Valley Group	6.89

10 BEST CUSTOMER RATED
COMPANIES FOR WAFER PROCESS
EQUIPMENT (SALES <\$300M)

RNK		SCORE
1	Oxford Instruments Ltd.	8.17
2	Tegal Corporation	8.04
3	Karl Suss	8.03
4	SEZ GmbH	7.98
5	STEAG Electronic Systems	7.95
6	CFM Technologies, Inc.	7.93
7	Ulvac Japan, Ltd.	7.54
8	Ultratech Stepper	7.53
9	Kokusai Electric Co., Ltd.	7.51
10	Plasma-Therm, Inc.	7.49

10 BEST CUSTOMER RATED
COMPANIES FOR TEST & MATERIAL
HANDLING EQUIPMENT

RNK		SCORE
1	Integrated Measurement Sys.	8.84
2	Karl Suss	8.84
3	SZ Testsysteme AG	8.23
4	Tokyo Electron Limited	8.00
5	Tokyo Seimitsu Co.	8.00
6	Electroglas	7.84
7	Teradyne, Inc.	7.54
8	Agilent Technologies, Inc.	7.43
9	TMT, Inc.	7.26
10	Advantest	7.16

10 BEST CUSTOMER RATED
COMPANIES FOR ASSEMBLY &
SPECIALTY EQUIPMENT

RNK		SCORE
1	Orthodyne Electronics	8.94
2	ALPHASEM AG	8.79
3	ASM International	8.31
4	ESEC SA	8.27
5	DISCO Corporation	7.90
6	ICOS Vision Systems	7.83
7	Kulicke & Soffa Industries	7.67
8	Datacon GmbH	7.51
9	Shinkawa Ltd.	7.43
10	F&K Delvotec	7.16

10 BEST CUSTOMER RATED
COMPANIES FOR PROCESS
DIAGNOSTIC EQUIPMENT

RNK		SCORE
1	Agilent Technologies, Inc.	8.29
2	Rudolph Technologies, Inc.	8.07
3	Hitachi Ltd.	7.61
4	Schlumberger	7.55
5	KLA-Tencor	6.74
6	Therma-Wave, Inc.	6.54

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10 BEST Chip Making Equipment Suppliers of 2001

10 BEST WAFER PROCESS EQUIPMENT (SALES >\$300M)		
RNK		SCORE
1	Varian Semi. Equip.	8.33
2	Novellus Systems, Inc.	7.68
3	ASM International	7.54
4	Axcelis Technologies	7.37
5	ASML	7.27
6	Hitachi Kokusai Electric Inc.	7.11
7	Dainippon Screen Mfg. Co.	7.07
8	Canon Inc.	7.03
9	Tokyo Electron Ltd.	6.94
10	Applied Materials	6.66

10 BEST WAFER PROCESS EQUIPMENT (SALES <\$300M)		
RNK		SCORE
1	Ultratech Stepper	7.69
2	FSI International	7.67
3	Tegal Corporation	7.63
4	Verteq, Inc.	7.56
5	SEZ AG	7.53
6	Unaxis Management AG	7.33
7	Oxford Instruments Ltd.	7.30
8	Aixtron AG	7.26
9	Karl Suss	7.22
10	Mattson Technology, Inc.	7.12

10 BEST TEST & MATERIAL HANDLING EQUIPMENT		
RNK		SCORE
1	Karl Suss	8.01
2	Integrated Measurement Sys	7.94
3	Tokyo Seimitsu Co., Ltd.	7.66
4	Agilent Technologies, Inc.	7.35
5	Teradyne, Inc.	7.34
6	Yokogawa Electric Corporation	7.31
7	SZ Testsysteme GmbH	7.27
8	Tokyo Electron Ltd.	7.25
9	Multitest Elektronische System	7.01
10	Advantest	6.97

10 BEST ASSEMBLY & SPECIALTY EQUIPMENT		
RNK		SCORE
1	Universal Instruments Corp.	8.59
2	ICOS Vision Systems N.V.	8.45
3	Orthodyne Electronics	8.37
4	Alphasem AG	8.04
5	ASM International	7.89
6	Disco Corporation	7.69
7	Fico bv	7.66
8	Datacon GmbH	7.24
9	ESEC SA	7.21
10	F&K Delvotec	7.00

10 BEST PROCESS DIAGNOSTIC EQUIPMENT		
RNK		SCORE
1	Agilent Technologies, Inc.	8.13
2	Hitachi Ltd.	7.84
3	Schlumberger	7.50
4	Therma-Wave, Inc.	7.41
5	Keithley Instruments, Inc.	7.29
6	Rudolph Technologies, Inc.	6.83
7	Applied Materials	6.60
8	KLA-Tencor	6.53
9	Philips Analytical B.V.	6.44

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10 BEST Chip Making Equipment Suppliers of 2002

10 BEST CHIP MAKING EQUIPMENT (LARGE)		
RNK		SCORE
1	ASM International	7.90
2	Varian Semi. Equip.	7.89
3	Agilent Technologies	7.38
4	Teradyne, Inc.	7.35
5	Nikon Corporation	7.31
6	Novellus Systems	7.29
7	Advantest	7.01
8	Canon Inc.	7.00
9	Hitachi High-Technologies	6.95
10	Tokyo Electron Ltd.	6.93

10 BEST CHIP MAKING EQUIPMENT (FOCUSED)		
RNK		SCORE
1	Tegal Corporation	8.26
2	Datacon GmbH	8.23
3	Universal Instruments	8.21
4	Orthodyne Electronics	8.10
5	Alphasem AG	8.06
6	EBARA Corporation	8.03
7	SUSS MicroTec	7.78
8	Multitest Elektronische	7.69
9	Disco Corporation	7.68
10	Axcelis Tech	7.68

10 BEST WAFER PROCESS EQUIPMENT SALES (large)		
RNK		SCORE
1	EBARA Corporation	8.03
2	Varian Semi. Equip.	7.89
3	Hitachi Kokusai Electric Inc.	7.43
4	ASM International	7.40
5	Novellus Systems	7.29
6	Nikon Corporation	7.26
7	Canon Inc.	7.00
8	Dainippon Screen	6.94
9	ASML	6.87
10	Tokyo Electron Ltd.	6.85

10 BEST WAFER PROCESS EQUIPMENT SALES (small)		
RNK		SCORE
1	Tegal Corporation	8.26
2	SUSS MicroTec	7.69
3	Axcelis Tech	7.68
4	SEZ AG	7.25
5	Ultratech Stepper	7.19
6	Aixtron AG	7.02
7	FSI International	6.71
8	Unaxis	6.70
9	PRI Automation	6.42
10	Oxford Instruments	6.32

10 BEST TEST & MATERIAL HANDLING EQUIPMENT		
RNK		SCORE
1	SUSS MicroTec	7.96
2	Multitest Elektronische	7.69
3	SZ Testsysteme GmbH	7.65
4	Credence Systems	7.47
5	ACCURETECH	7.38
6	Schlumberger Semi	7.38
7	Teradyne, Inc.	7.35
8	Electrogas, Inc.	7.22
9	Agilent Technologies	7.15
10	Tokyo Electron Ltd.	7.10

10 BEST ASSEMBLY EQUIPMENT		
RNK		SCORE
1	Datacon GmbH	8.23
2	Universal Instruments	8.21
3	ASM International	8.18
4	Orthodyne Electronics	8.10
5	Alphasem AG	8.07
6	SUSS MicroTec	7.82
7	Disco Corporation	7.72
8	ACCURETECH	7.59
9	Nidec Tosok Corp.	7.51
10	ICOS Vision Systems	7.41

10 BEST PROCESS DIAGNOSTIC EQUIPMENT		
RNK		SCORE
1	Agilent Technologies	8.28
2	Schlumberger	7.75
3	Therma-Wave, Inc.	7.48
4	Hitachi High-Technologies	7.37
5	KLA-Tencor	6.78
6	Philips Analytical B.V.	6.61

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10 BEST Chip Making Equipment Suppliers of 2003

10 BEST CHIP MAKING EQUIPMENT (LARGE)		
RNK		SCORE
1	Hitachi High-Technologies	7.44
2	ASML	7.24
3	Dainippon Screen	7.21
4	Tokyo Electron Ltd.	7.20
5	Advantest	7.16
6	Novellus Systems	7.13
7	Agilent Technologies	7.07
8	ASM International	7.06
9	Teradyne, Inc.	7.06
10	Canon Inc.	6.66

10 BEST CHIP MAKING EQUIPMENT (FOCUSED)		
RNK		SCORE
1	Tegal Corporation	8.31
2	Schlumberger Verification Sys	8.27
3	Alphasem AG	8.23
4	Varian Semi. Equip.	8.16
5	Datacon GmbH	8.05
6	Orthodyne Electronics	7.89
7	Credence Systems Corp	7.84
8	Multitest Elektronische	7.61
9	ACCRETECH - Tokyo Seimitsu	7.56
10	SUSS MicroTec	7.50

10 BEST WAFER PROCESS EQUIPMENT SALES (large)		
RNK		SCORE
1	Varian Semi. Equip.	8.16
2	Axcelis Technologies	7.28
3	ASML	7.24
4	Dainippon Screen	7.21
5	Tokyo Electron Ltd.	7.17
6	Novellus Systems	7.13
7	ASM International	6.92
8	Canon Inc.	6.66
9	Nikon Corporation	6.40
10	Applied Materials	6.23

10 BEST WAFER PROCESS EQUIPMENT SALES (small)		
RNK		SCORE
1	Tegal Corporation	8.31
2	SUSS MicroTec	7.54
3	Matrix Integrated Systems	7.46
4	Aixtron AG	7.29
5	SEZ AG	7.14
6	Unaxis	7.13
7	Ultratech Stepper	7.02
8	EV Group	6.92
9	Hitachi Kokusai Electric	6.84
10	Mattson Technology, Inc.	6.54

10 BEST TEST & MATERIAL HANDLING EQUIPMENT		
RNK		SCORE
1	Credence Systems	7.84
2	Multitest Elektronische	7.61
3	NP Test	7.46
4	SUSS MicroTec	7.40
5	ACCRETECH - Tokyo Seimitsu	7.27
6	Tokyo Electron Ltd.	7.26
7	Advantest	7.16
8	Teradyne, Inc.	7.06
9	Agilent Technologies	6.89
10	LTX Corporation	6.75

10 BEST ASSEMBLY EQUIPMENT		
RNK		SCORE
1	ACCRETECH - Tokyo Seimitsu	8.27
2	Alphasem AG	8.23
3	Datacon GmbH	8.05
4	Orthodyne Electronics	7.89
5	SUSS MicroTec	7.53
6	Disco Corporation	7.36
7	ASM International	7.18
8	F&K Delvotec	7.08
9	ESEC SA	7.05
10	Kulicke & Soffa Ind.	6.94

10 BEST PROCESS DIAGNOSTIC EQUIPMENT		
RNK		SCORE
1	Schlumberger Verification Sys	8.27
2	Agilent Technologies	7.68
3	Hitachi High-Technologies	7.53
4	Hamamatsu Photonics K. K.	7.11
5	Accent Optical Technologies	6.68
6	Therma-Wave, Inc.	6.19
7	KLA-Tencor	6.06

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10 BEST Chip Making Equipment Suppliers of 2004

10 BEST CHIP MAKING EQUIPMENT (LARGE)		
RNK		SCORE
1	Tokyo Electron Limited	7.37
2	Hitachi High-Technologies	7.29
3	Advantest	7.26
4	ASML	7.20
5	Teradyne, Inc.	7.12
6	Canon	7.04
7	Novellus Systems, Inc.	6.89
8	Agilent Technologies, Inc.	6.86
9	Ulvac, Inc.	6.76
10	ASM International	6.75

10 BEST CHIP MAKING EQUIPMENT (FOCUSED)		
RNK		SCORE
1	Tegal Corporation	8.55
2	AIXTRON AG	8.30
3	Orthodyne Electronics	8.09
4	Soluris Inc.	8.07
5	Varian Semiconductor	7.89
6	Alphasem AG	7.87
7	ACCRETECH-Tokyo Seimitsu	7.72
8	BE Semiconductor Industries	7.70
9	F & K Delvotec Bondtechnik	7.68
10	SUSS MicroTec	7.67

10 BEST WAFER PROCESS EQUIPMENT SALES (large)		
RNK		SCORE
1	Varian Semiconductor	7.89
2	Tokyo Electron Limited	7.38
3	ASML	7.20
4	Canon	7.04
5	Hitachi Kokusai Electric Inc.	6.93
6	Novellus Systems, Inc.	6.89
7	ASM International	6.78
8	Ulvac, Inc.	6.76
9	Dainippon Screen Mfg. Co.	6.75
10	Nikon Corporation	6.60

10 BEST WAFER PROCESS EQUIPMENT SALES (small)		
RNK		SCORE
1	Tegal Corporation	8.55
2	AIXTRON AG	8.30
3	SUSS MicroTec	7.34
4	SEZ Group	7.23
5	Axcelis Technologies	7.09
6	FSI International	7.02
7	EV Group	6.99
8	Mattson Technology, Inc.	6.82
9	SCP Global Technologies	6.51
10	Unaxis Wafer Processing	6.50

10 BEST TEST & MATERIAL HANDLING EQUIPMENT		
RNK		SCORE
1	SUSS MicroTec	8.19
2	ACCRETECH-Tokyo Seimitsu	7.55
3	Tokyo Electron Limited	7.37
4	Credence Systems Corp.	7.31
5	NPTest	7.27
6	Advantest	7.25
7	Teradyne, Inc.	7.12
8	Multitest	7.10
9	Agilent Technologies, Inc.	6.64
10	Yokogawa Electric Corp.	6.45

10 BEST ASSEMBLY EQUIPMENT		
RNK		SCORE
1	ACCRETECH-Tokyo Seimitsu	8.18
2	Orthodyne Electronics	8.09
3	Alphasem AG	7.87
4	SUSS MicroTec	7.73
5	BE Semiconductor Industries	7.70
6	F & K Delvotec Bondtechnik	7.68
7	ESEC SA	7.52
8	Disco Corporation	7.51
9	Datacon Technology AG	7.42
10	Kulicke & Soffa Industries	7.15

10 BEST PROCESS DIAGNOSTIC EQUIPMENT		
RNK		SCORE
1	Soluris Inc.	8.07
2	Keithley Instruments, Inc.	7.95
3	Agilent Technologies, Inc.	7.71
4	Hitachi High-Technologies	7.42
5	Therma-Wave, Inc.	6.64
6	Applied Materials, Inc.	6.53
7	KLA-Tencor Corporation	6.29

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10 BEST Chip Making Equipment Suppliers of 2005

10 BEST CHIP MAKING EQUIPMENT (LARGE)		
RNK		SCORE
1	Hitachi High-Technologies	7.73
2	Tokyo Electron Limited	7.59
3	Agilent Technologies, Inc.	7.45
4	ASML	7.35
5	Advantest	7.32
6	Dainippon Screen Mfg. Co.	7.15
7	ASM International	7.14
8	Canon	7.14
9	Teradyne, Inc.	7.04
10	Nikon Corporation	6.81

10 BEST CHIP MAKING EQUIPMENT (FOCUSED)		
RNK		SCORE
1	Tegal Corporation	8.96
2	AIXTRON AG	8.63
3	Soluris Inc.	8.48
4	Orthodyne Electronics	8.39
5	Varian Semiconductor	8.23
6	Disco Corporation	8.13
7	ACCRETECH-Tokyo Seimitsu	7.87
8	SUSS MicroTec	7.75
9	EV Group	7.62
10	Kulicke & Soffa Industries	7.43

10 BEST WAFER PROCESS EQUIPMENT SALES (large)		
RNK		SCORE
1	Varian Semiconductor	8.23
2	Tokyo Electron Limited	7.51
3	ASML	7.35
4	Dainippon Screen Mfg. Co.	7.14
5	Canon	7.14
6	ASM International	6.91
7	Hitachi Kokusai Electric Inc.	6.72
8	Novellus Systems, Inc.	6.69
9	Lam Research Corporation	6.57
10	Applied Materials, Inc.	6.47

10 BEST WAFER PROCESS EQUIPMENT SALES (small)		
RNK		SCORE
1	Tegal Corporation	8.96
2	AIXTRON AG	8.63
3	EV Group	7.62
4	SUSS MicroTec	7.27
5	SEZ Group	7.22
6	Axcelis Technologies	7.19
7	Unaxis Wafer Processing	6.85
8	Mattson Technology, Inc.	6.80
9	FSI International	6.61
10	Semitool, Inc.	6.26

10 BEST TEST & MATERIAL HANDLING EQUIPMENT		
RNK		SCORE
1	SUSS MicroTec	8.40
2	ACCRETECH-Tokyo Seimitsu	7.81
3	Tokyo Electron Limited	7.75
4	Credence Systems Corp.	7.38
5	Agilent Technologies, Inc.	7.35
6	Advantest	7.32
7	Multitest	7.31
8	Teradyne, Inc.	7.04
9	Electrogas, Inc.	6.92
10	Delta Design	6.86

10 BEST ASSEMBLY EQUIPMENT		
RNK		SCORE
1	Orthodyne Electronics	8.39
2	Disco Corporation	8.13
3	ACCRETECH-Tokyo Seimitsu	8.04
4	Kulicke & Soffa Industries	7.43
5	Shinkawa Ltd.	7.37
6	ASM International	7.34
7	ESEC	7.30
8	BE Semiconductor Industries	7.25
9	F & K Delvotec Bondtechnik	7.18
10	Alphasem AG	7.00

10 BEST PROCESS DIAGNOSTIC EQUIPMENT		
RNK		SCORE
1	Soluris Inc.	8.48
2	Keithley Instruments, Inc.	7.96
3	Hitachi High-Technologies	7.86
4	Agilent Technologies, Inc.	7.80
5	FEI Company	7.55
6	KLA-Tencor Corporation	6.38
7	Therma-Wave, Inc.	6.07

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10 BEST Chip Making Equipment Suppliers of 2006

10 BEST CHIP MAKING EQUIPMENT (LARGE)		
RNK		SCORE
1	Varian Semiconductor	7.91
2	ASML	7.68
3	Teradyne, Inc.	7.33
4	Advantest	7.33
5	ASM International	7.26
6	Dainippon Screen Mfg. Co.	7.15
7	Tokyo Electron Limited	7.12
8	Hitachi High-Technologies	6.97
9	Applied Materials, Inc.	6.83
10	Novellus Systems, Inc.	6.67

10 BEST CHIP MAKING EQUIPMENT (FOCUSED)		
RNK		SCORE
1	Tesec Corp.	8.26
2	HANMI Semiconductor	8.07
3	Orthodyne Electronics	8.01
4	Disco Corporation	7.99
5	Nextest Systems Corporation	7.95
6	Keithley Instruments, Inc.	7.81
7	Nissin Electric Co., Ltd.	7.77
8	Hamamatsu Photonics K.K.	7.71
9	Rigaku International Corp.	7.69
10	TOWA Corporation	7.69

10 BEST WAFER PROCESS EQUIPMENT SALES (large)		
RNK		SCORE
1	Varian Semiconductor	7.91
2	ASML	7.68
3	Hitachi Kokusai Electric Inc.	7.32
4	Tokyo Electron Limited	7.21
5	Dainippon Screen Mfg. Co.	7.12
6	Hitachi High-Technologies	7.08
7	ASM International	7.03
8	Applied Materials, Inc.	6.78
9	Novellus Systems, Inc.	6.67
10	Ulvac, Inc.	6.56

10 BEST WAFER PROCESS EQUIPMENT SALES (small)		
RNK		SCORE
1	Nissin Electric Co., Ltd.	7.77
2	Oxford Instruments Ltd.	7.60
3	Unaxis Wafer Processing	7.42
4	EV Group	7.36
5	AIXTRON AG	7.36
6	SEZ Group	7.34
7	SUSS MicroTec	7.24
8	Sumitomo Eaton Nova	7.23
9	Axcelis Technologies	7.21
10	S.E.S. Co., Ltd.	7.10

10 BEST TEST EQUIPMENT		
RNK		SCORE
1	Nextest Systems Corp.	7.95
2	Advantest	7.41
3	Inovys Corporation	7.35
4	Teradyne, Inc.	7.33
5	Credence Systems Corp.	7.32
6	Agilent / VERIGY	7.26
7	FEI Company	7.01
8	SPEA	6.94
9	LTX Corp.	6.57
10	Testram Co., Ltd.	6.38

10 BEST ASSEMBLY EQUIPMENT		
RNK		SCORE
1	ACCURETECH-Tokyo Seimitsu	8.28
2	HANMI Semiconductor	8.07
3	Orthodyne Electronics	8.01
4	Disco Corporation	7.99
5	TOWA Corporation	7.69
6	ICOS Vision Systems NV	7.62
7	ASM International	7.56
8	Alphasem AG	7.55
9	Kulicke & Soffa Industries	7.53
10	F & K Delvotec Bondtechnik	7.35

10 BEST MATERIAL HANDLING EQUIPMENT		
RNK		SCORE
1	SUSS MicroTec	8.02
2	Seiko Epson Corporation	7.59
3	ACCURETECH-Tokyo Seimitsu	7.36
4	Rasco GmbH	7.33
5	Electroglas, Inc.	7.20
6	Multitest	7.17
7	Advantest	7.16
8	Tokyo Electron Ltd.	7.14
9	Shinano Electronics Co., Ltd.	7.10
10	Cascade Microtech	7.09

10 BEST PROCESS DIAGNOSTIC EQUIPMENT		
RNK		SCORE
1	Agilent Technologies, Inc.	7.86
2	Keithley Instruments, Inc.	7.81
3	Hamamatsu Photonics K.K.	7.71
4	Rigaku International Corp.	7.69
5	Accent Optical Technologies	7.58
6	FEI Company	7.17
7	JEOL Ltd.	7.10
8	Therma-Wave, Inc.	7.08
9	Hitachi High-Technologies	7.07
10	Applied Materials, Inc.	6.96

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10 BEST Chip Making Equipment Suppliers of 2007

10 BEST CHIP MAKING EQUIPMENT (LARGE)		
RNK		SCORE
1	Varian Semiconductor	8.11
2	ASML	7.71
3	Advantest	7.48
4	Dainippon Screen Mfg. Co.	7.38
5	Novellus Systems, Inc.	7.32
6	Teradyne, Inc.	7.27
7	Hitachi High-Technologies	7.22
8	Tokyo Electron Limited	7.17
9	ASM International N.V.	7.16
10	Lam Research Corporation	6.77

10 BEST CHIP MAKING EQUIPMENT (FOCUSED)		
RNK		SCORE
1	Orthodyne Electronics	8.36
2	PVA TePla AG	8.32
3	Carl Zeiss SMT AG	8.12
4	Rite Track	8.08
5	Kulicke & Soffa Industries	8.02
6	Inovys Corporation	7.98
7	BTU International, Inc.	7.96
8	HANMI Semiconductor	7.93
9	ICOS Vision Systems	7.93
10	Nissin Ion Equipment Co.	7.93

10 BEST WAFER PROCESS EQUIPMENT SALES (large)		
RNK		SCORE
1	Varian Semiconductor	8.11
2	ASML	7.71
3	Hitachi High-Technologies	7.59
4	Dainippon Screen Mfg. Co.	7.38
5	Novellus Systems, Inc.	7.32
6	Tokyo Electron Limited	7.18
7	ASM International N.V.	6.89
8	Lam Research Corporation	6.77
9	Hitachi Kokusai Electric Inc.	6.69
10	Nikon Corporation	6.60

10 BEST WAFER PROCESS EQUIPMENT SALES (small)		
RNK		SCORE
1	JEOL Ltd.	8.80
2	Rite Track	8.08
3	Nissin Ion Equipment Co., Ltd.	7.93
4	centrotherm thermal solutions	7.75
5	Oerlikon Balzers Coating/Systems	7.72
6	SEN Corporation	7.65
7	CHA Industries	7.58
8	Oxford Instruments	7.52
9	MRL Industries, Inc.	7.51
10	EV Group	7.44

10 BEST TEST EQUIPMENT		
RNK		SCORE
1	Inovys Corporation	7.98
2	Nextest Systems Corporation	7.90
3	Advantest	7.49
4	LTX Corporation	7.48
5	Teradyne, Inc.	7.27
6	Verigy	6.93
7	Credence Systems Corporation	6.92
8	Yokogawa Electric Corporation	6.85
9	Eagle Test Systems, Inc.	6.78
10	FEI Company	6.71

10 BEST ASSEMBLY EQUIPMENT		
RNK		SCORE
1	Orthodyne Electronics	8.36
2	Kulicke & Soffa Industries	8.02
3	ACCURETECH-Tokyo Seimitsu Co.	7.95
4	HANMI Semiconductor	7.93
5	ICOS Vision Systems	7.93
6	Advanced Dicing Technologies	7.76
7	Dage Precision Industries Ltd	7.73
8	Asymtek, a Nordson company	7.72
9	BE Semiconductor Industries N.V.	7.68
10	ASM International N.V.	7.63

10 BEST MATERIAL HANDLING EQUIPMENT		
RNK		SCORE
1	SUSS MicroTec	8.02
2	Cascade Microtech, Inc.	7.63
3	ACCURETECH-Tokyo Seimitsu Co.	7.63
4	Advantest	7.47
5	Seiko Epson Corporation	7.42
6	Rasco GmbH	7.29
7	Tokyo Electron Limited	7.19
8	Multitest	7.18
9	Electroglas, Inc.	7.13
10	TESEC Corporation	6.79

10 BEST PROCESS DIAGNOSTIC EQUIPMENT		
RNK		SCORE
1	Carl Zeiss SMT AG	8.12
2	Nikon Corporation	8.06
3	Keithley Instruments, Inc.	7.81
4	Agilent Technologies, Inc.	7.71
5	Hitachi High-Technologies	7.25
6	JEOL Ltd.	7.15
7	Applied Materials, Inc.	6.96
8	Hamamatsu Photonics K.K.	6.89
9	Vistec Semiconductor Systems	6.72
10	Nanometrics Incorporated	6.64

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10 BEST Chip Making Equipment Suppliers of 2008

10 BEST CHIP MAKING EQUIPMENT (LARGE)		
RNK		SCORE
1	Varian Semiconductor	8.00
2	Novellus Systems, Inc.	7.66
3	Advantest	7.56
4	ASML	7.41
5	ASM International N.V.	7.36
6	Teradyne, Inc.	7.34
7	Tokyo Electron Limited	7.28
8	Hitachi High-Technologies	7.20
9	Ulvac, Inc.	7.14
10	Dainippon Screen Mfg. Co.	6.73

10 BEST CHIP MAKING EQUIPMENT (FOCUSED)		
RNK		SCORE
1	Keithley Instruments, Inc.	8.72
2	Hamamatsu Photonics K.K.	8.15
3	SEN Corporation	8.15
4	Inovys Corporation	8.15
5	Orthodyne Electronics	8.08
6	F & K Delvotec Bondtechnik	7.86
7	Agilent Technologies, Inc.	7.85
8	SUSS MicroTec	7.83
9	Asymtek	7.74
10	ACCURETECH - Tokyo Seimitsu	7.70

10 BEST WAFER PROCESS EQUIPMENT SALES (large)		
RNK		SCORE
1	Varian Semiconductor	8.00
2	Novellus Systems, Inc.	7.66
3	ASML	7.41
4	Tokyo Electron Limited	7.24
5	Ulvac, Inc.	7.14
6	ASM International N.V.	7.13
7	Hitachi Kokusai Electric Inc.	7.10
8	Hitachi High-Technologies	6.98
9	Canon, Inc.	6.95
10	Dainippon Screen Mfg. Co.	6.73

10 BEST WAFER PROCESS EQUIPMENT SALES (small)		
RNK		SCORE
1	SEN Corporation	8.15
2	Rite Track	7.64
3	Oerlikon	7.61
4	Aixtron AG	7.59
5	SUSS MicroTec	7.53
6	Tegal Corporation	7.20
7	EV Group	7.13
8	Brooks Automation, Inc.	7.11
9	Mattson Technology, Inc.	7.06
10	FSI International	6.97

10 BEST TEST EQUIPMENT		
RNK		SCORE
1	Inovys Corporation	8.15
2	Advantest	7.50
3	LTX Corporation	7.46
4	Eagle Test Systems, Inc.	7.39
5	Nextest Systems Corp.	7.35
6	Teradyne, Inc.	7.34
7	Credence Systems Corporation	7.31
8	SPEA	7.29
9	FEI Company	7.10
10	Verigy Inc.	6.90

10 BEST ASSEMBLY EQUIPMENT		
RNK		SCORE
1	Orthodyne Electronics	8.08
2	F & K Delvotec Bondtechnik	7.86
3	ACCURETECH-Tokyo Seimitsu	7.84
4	Asymtek	7.74
5	Kulicke & Soffa	7.64
6	Renesas Eastern Japan Semiconductor	7.57
7	DISCO Corporation	7.57
8	Shinkawa Ltd.	7.48
9	ASM International N.V.	7.44
10	ICOS Vision Systems NV	7.43

10 BEST MATERIAL HANDLING EQUIPMENT		
RNK		SCORE
1	SUSS MicroTec	8.19
2	Advantest	7.75
3	ACCURETECH-Tokyo Seimitsu	7.63
4	Rasco GmbH	7.54
5	Tokyo Electron Limited	7.36
6	Multitest Elektronische Sys.	7.11
7	Delta Design	7.06
8	Cascade Microtech, Inc.	6.87
9	Electrogilas, Inc.	6.60

10 BEST PROCESS DIAGNOSTIC EQUIPMENT		
RNK		SCORE
1	Keithley Instruments, Inc.	8.72
2	Agilent Technologies, Inc.	7.85
3	Hamamatsu Photonics K.K.	7.79
4	Hitachi High-Technologies	7.32
5	FEI Company	7.31
6	Vistec Semiconductor Systems	7.08
7	Rudolph Technologies, Inc.	6.94
8	Nanometrics Incorporated	6.77
9	Applied Materials, Inc.	6.70
10	KLA-Tencor	6.66

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10 BEST Chip Making Equipment Suppliers of 2009

10 BEST CHIP MAKING EQUIPMENT (LARGE)		
RNK		SCORE
1	Varian Semiconductor	8.20
2	Novellus Systems, Inc.	8.09
3	ASML	7.96
4	Verigy	7.62
5	Tokyo Electron Limited	7.50
6	Lam Research Corporation	7.23
7	Teradyne, Inc.	7.19
8	Nikon Corporation	7.13
9	Dainippon Screen Mfg. Co.	7.11
10	Advantest	7.05

10 BEST CHIP MAKING EQUIPMENT (FOCUSED)		
RNK		SCORE
1	Keithley Instruments, Inc.	8.28
2	JEOL Ltd.	8.19
3	DISCO Corporation	8.04
4	Agilent Technologies, Inc.	7.95
5	F & K Delvotec Bondtechnik	7.90
6	Hitachi Kokusai Electric Inc.	7.69
7	HANMI Semiconductor	7.63
8	Nissin Ion Equipment Co.	7.63
9	Seiko Epson Corporation	7.62
10	Rite Track	7.57

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10 BEST Chip Making Equipment Suppliers of 2010

10 BEST CHIP MAKING EQUIPMENT (LARGE)		
RNK		SCORE
1	Varian Semiconductor Equipment	8.24
2	Novellus Systems, Inc.	7.80
3	Verigy	7.72
4	Dainippon Screen Mfg. Co.	7.60
5	Tokyo Electron LTD.	7.58
6	ASML	7.49
7	Advantest Corporation	7.44
8	Hitachi High-Technologies	7.29
9	Lam Research Corporation	7.11
10	Teradyne, Inc.	7.06

10 BEST CHIP MAKING EQUIPMENT (FOCUSED)		
RNK		SCORE
1	Renesas Eastern Japan Semiconductor	8.03
2	F&K Delvotec Bondtechnik	8.03
3	DISCO Corporation	7.91
4	Hitachi Kokusai Electric Inc.	7.86
5	Keithley Instruments, Inc.	7.83
6	BE Semiconductor Industries	7.83
7	Oerlikon	7.82
8	Agilent Technologies, Inc.	7.80
9	ACCURETECH - Tokyo Seimitsu	7.72
10	Nissin Ion Equipment Co.	7.64

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10 BEST Chip Making Equipment Suppliers of 2011

10 BEST CHIP MAKING EQUIPMENT (LARGE)		
RNK		SCORE
1	Varian Semiconductor Equipment	8.18
2	Novellus Systems	8.18
3	Hitachi High-Technologies	7.95
4	ASML	7.92
5	Verigy	7.79
6	Tokyo Electron LTD.	7.53
7	Advantest	7.36
8	Dainippon Screen Mfg. Co.	7.13
9	Teradyne	7.00
10	Applied Materials	6.87

10 BEST CHIP MAKING EQUIPMENT (FOCUSED)		
RNK		SCORE
1	DISCO Corporation	8.05
2	Oerlikon	8.02
3	F & K Delvotec Bondtechnik	7.93
4	Agilent Technologies	7.81
5	Nissin Ion Equipment	7.65
6	Hitachi Kokusai Electric	7.65
7	Rite Track	7.63
8	Plasma-Therm	7.61
9	Shinkawa	7.43
10	HANMI Semiconductor	7.39

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10 BEST Chip Making Equipment Suppliers of 2012

10 BEST CHIP MAKING EQUIPMENT (LARGE)		
RNK		SCORE
1	Novellus Systems, Inc.	8.95
2	Advantest Corporation	8.37
3	Teradyne, Inc.	8.35
4	Hitachi High-Technologies	8.09
5	ASML	8.07
6	Applied Materials	8.02
7	Tokyo Electron LTD.	7.84
8	Kulicke & Soffa	7.70
9	Hitachi Kokusai Electric	7.58
10	Nikon Corporation	7.48

10 BEST CHIP MAKING EQUIPMENT (FOCUSED)		
RNK		SCORE
1	F&K Delvotec	8.51
2	Oerlikon	8.19
3	Plasma-Therm	8.18
4	EV Group	8.14
5	LTX - Credence Corporation	8.14
6	Nanometrics Inc.	8.10
7	Delta Design	7.62
8	Agilent Technologies, Inc.	7.60
9	Seiko Epson Corporation	7.56
10	ACCRETECH - Tokyo Seimitsu	7.45

Customer Satisfaction Survey Celebrates 30 Years

A Look Back...



10 BEST Chip Making Equipment Suppliers of 2013

10 BEST CHIP MAKING EQUIPMENT (LARGE)		
RNK		SCORE
1	Teradyne	8.53
2	Advantest	8.50
3	ASML	8.43
4	Hitachi High-Technologies	8.08
5	DAINIPPON SCREEN	8.05
6	Applied Materials	8.03
7	Tokyo Electron	8.02
8	Hitachi Kokusai Electric	7.93
9	Lam Research	7.78
10	Nikon	7.41

10 BEST CHIP MAKING EQUIPMENT (FOCUSED)		
RNK		SCORE
1	Plasma-Therm	8.85
2	HANMI Semiconductor	8.67
3	F&K Delvotec	8.56
4	Oerlikon	8.33
5	Nanometrics	8.28
6	Agilent Technologies	8.17
7	EV Group	8.05
8	ACCURETECH - Tokyo Seimitsu	7.64
9	LTX - Credence	7.63
10	Nissin Ion	7.50

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A Look Back...



10 BEST Chip Making Equipment Suppliers of 2014

10 BEST CHIP MAKING EQUIPMENT (LARGE)		
RNK		SCORE
1	Teradyne	9.19
2	ASML	8.93
3	Advantest	8.90
4	Hitachi High-Technologies	8.89
5	Tokyo Electron	8.75
6	Applied Materials	8.17
7	Lam Research	8.01
8	Hitachi Kokusai Electric	7.96
9	Nikon	7.86

10 BEST CHIP MAKING EQUIPMENT (FOCUSED)		
RNK		SCORE
1	Axcelis	9.11
2	ASM Pacific Technology	9.02
3	LTX - Credence	8.76
4	Plasma-Therm	8.70
5	F&K Delvotec	8.64
6	Oerlikon	8.41
7	EV Group	8.22
8	HANMI Semiconductor	8.08
9	Multitest	7.89

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A Look Back...



10 BEST Chip Making Equipment Suppliers of 2015

10 BEST CHIP MAKING EQUIPMENT (LARGE)		
RNK		SCORE
1	Teradyne	9.22
2	Advantest	9.06
3	ASML	9.00
4	Hitachi High-Technologies	8.96
5	Tokyo Electron	8.80
6	Applied Materials	8.26
7	Hitachi Kokusai Electric	8.25
8	Lam Research	7.97
9	KLA-Tencor	7.84

10 BEST CHIP MAKING EQUIPMENT (FOCUSED)		
RNK		SCORE
1	Axcelis	9.04
2	Advanced Dicing Technologies	8.89
3	ASM Pacific Technology	8.82
4	Plasma-Therm	8.75
5	Xcerra	8.74
6	F&K Delvotec	8.73
7	HANMI Semiconductor	8.70
8	Oerlikon	8.50
9	EV Group	8.23
10	SPTS Technologies	8.18

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A Look Back...



10 BEST Chip Making Equipment Suppliers of 2016

10 BEST CHIP MAKING EQUIPMENT (LARGE)		
RNK		SCORE
1	Teradyne	9.26
2	Advantest	9.12
3	ASML	8.93
4	Hitachi Kokusai Electric	8.80
5	ASM Pacific Technology	8.56
6	Tokyo Electron	8.51
7	Hitachi High-Technologies	8.13
8	Applied Materials	8.12
9	Lam Research	8.09
10	KLA-Tencor	7.91

10 BEST CHIP MAKING EQUIPMENT (FOCUSED)		
RNK		SCORE
1	Advanced Dicing Technologies	9.25
2	Plasma-Therm	9.13
3	Axcelis Technologies	9.11
4	F&K Delvotec	8.95
5	Evatec	8.76
6	Xcerra	8.70
7	SPTS Technologies	8.53
8	EV Group	8.31
9	HANMI Semiconductor	8.10
10	ACCURETECH - Tokyo Seimitsu	8.01

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A Look Back...



10 BEST Chip Making Equipment Suppliers of 2017

10 BEST CHIP MAKING EQUIPMENT (LARGE)			
RNK		SCORE	STARS
1	Teradyne	9.16	★★★★★
2	Advantest	9.05	★★★★★
3	ASML	8.98	★★★★★
4	Hitachi Kokusai Electric	8.58	★★★★★
5	ASM Pacific Technology	8.55	★★★★★
6	Applied Materials	7.91	★★★★★
7	Tokyo Electron	7.89	★★★★★
8	Lam Research	7.84	★★★★★
9	Hitachi High-Technologies	7.46	★★★★★

10 BEST CHIP MAKING EQUIPMENT (FOCUSED)			
RNK		SCORE	STARS
1	Plasma-Therm	8.91	★★★★★
2	Xcerra	8.42	★★★★★
3	FormFactor	8.41	★★★★★
4	Axcelis Technologies	8.38	★★★★★
5	ACCRETECH - Tokyo Seimitsu	8.30	★★★★★
6	EV Group	8.26	★★★★★
7	SPTS Technologies	8.00	★★★★★

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Here are the 30th Year Winners!



10 BEST Chip Making Equipment Suppliers of 2018

10 BEST CHIP MAKING EQUIPMENT (LARGE)			
RNK		SCORE	STARS
1	Teradyne	9.25	★★★★★
2	Advantest	9.10	★★★★★
3	ASML	9.05	★★★★★
4	Hitachi Kokusai Electric	8.90	★★★★★
5	Tokyo Electron	8.45	★★★★★
6	Applied Materials	7.55	★★★★★
7	ASM Pacific Technology	7.45	★★★★★
8	Hitachi High-Technologies	7.45	★★★★★

10 BEST CHIP MAKING EQUIPMENT (FOCUSED)			
RNK		SCORE	STARS
1	Plasma-Therm	9.01	★★★★★
2	AMEC	8.95	★★★★★
3	FormFactor	8.94	★★★★★
4	SPTS Technologies	8.90	★★★★★
5	Xcerra	8.76	★★★★★
6	EV Group	8.42	★★★★★
7	ACCRETECH - Tokyo Seimitsu	7.22	★★★★★

About the Customer Satisfaction Survey

- Customers rate their suppliers each year
 - Find out how they rate your company
- Only publicly available opportunity for customers to provide feedback about their suppliers
- The direct ratings and frank comments result in valuable insight into customers' successes and issues
- Clients receive early access to survey results
- Results are announced publicly towards the end of May
- Interactive web-based service with excel files of the detailed results

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