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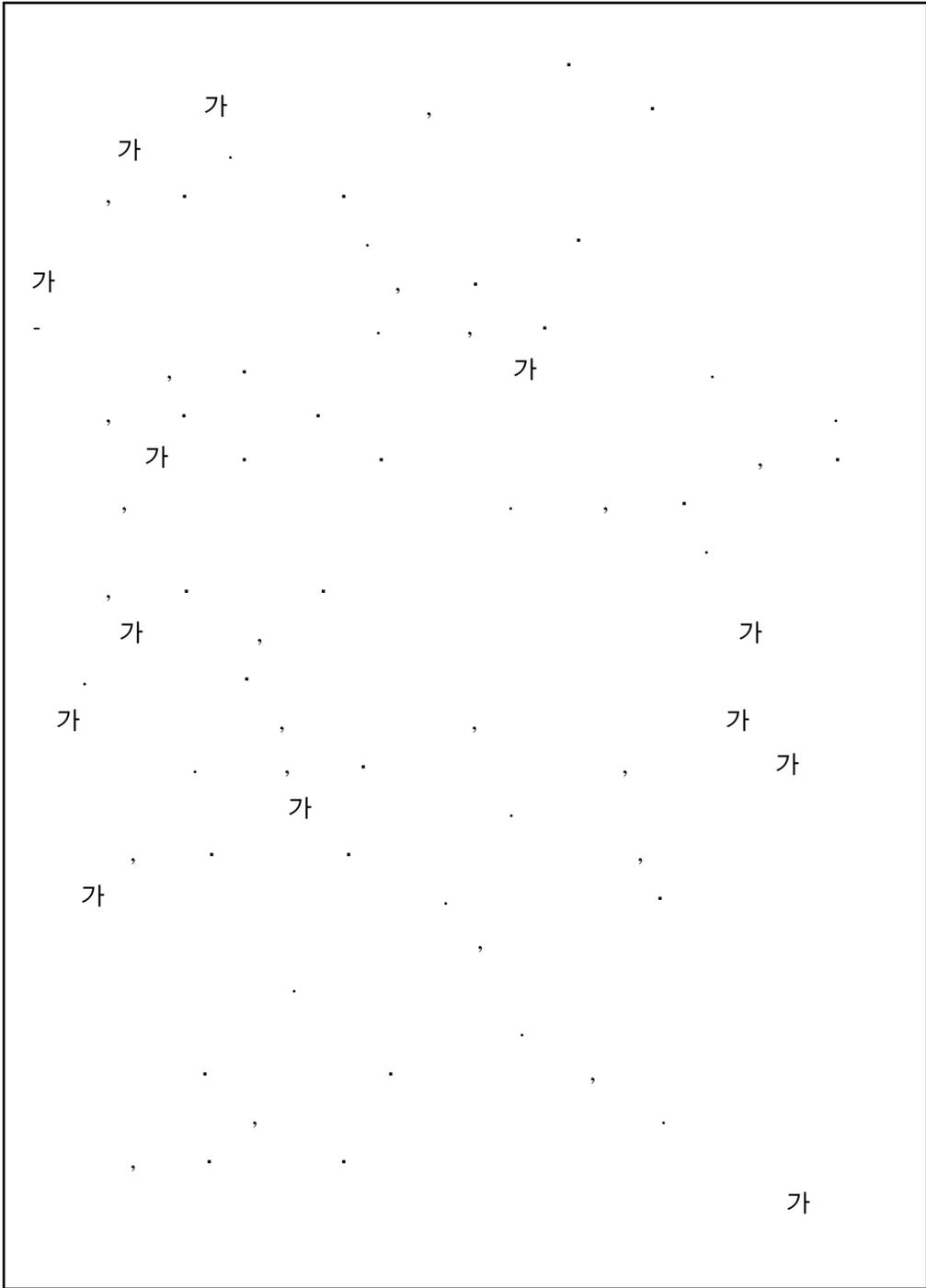
가

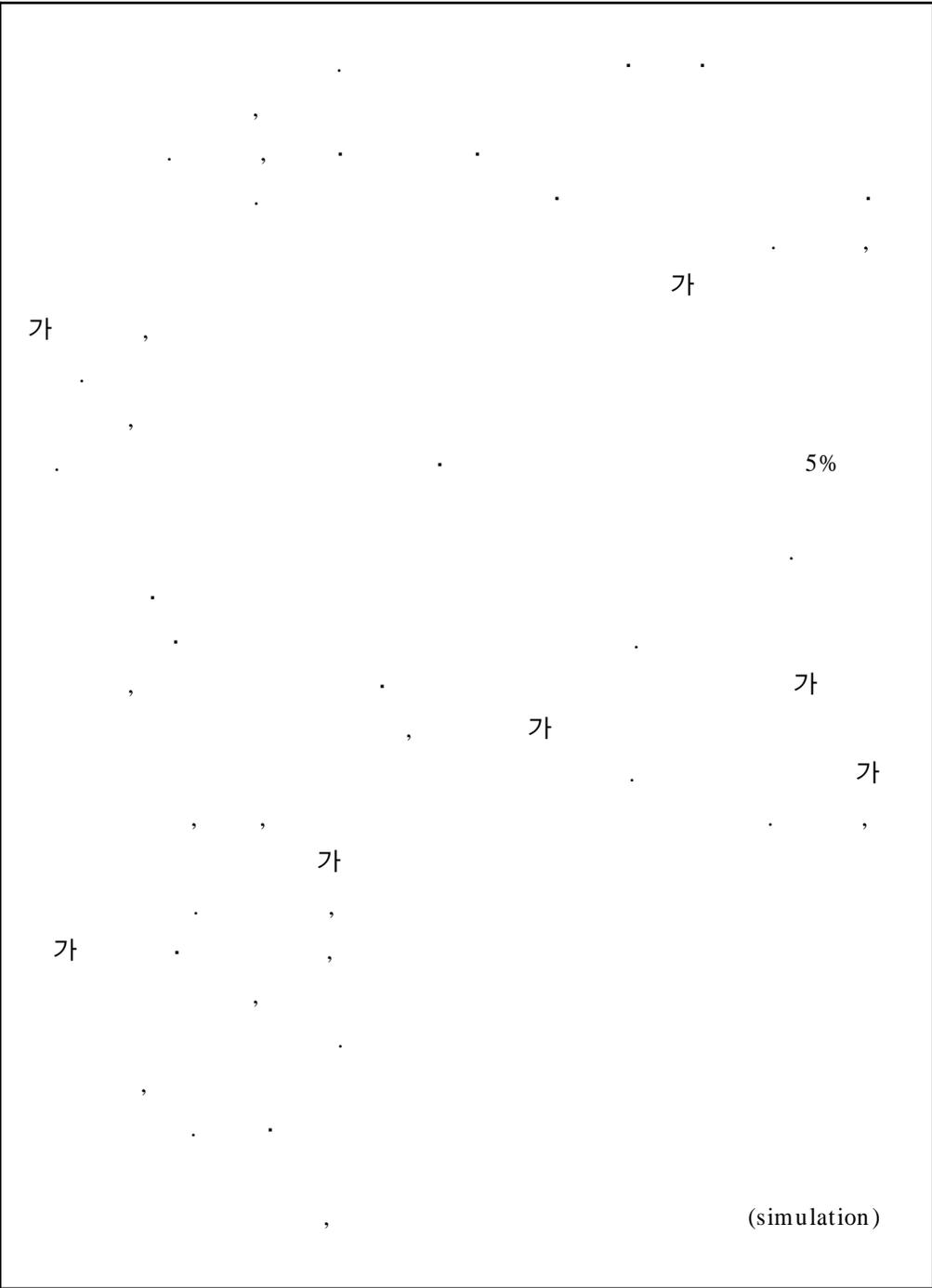
2

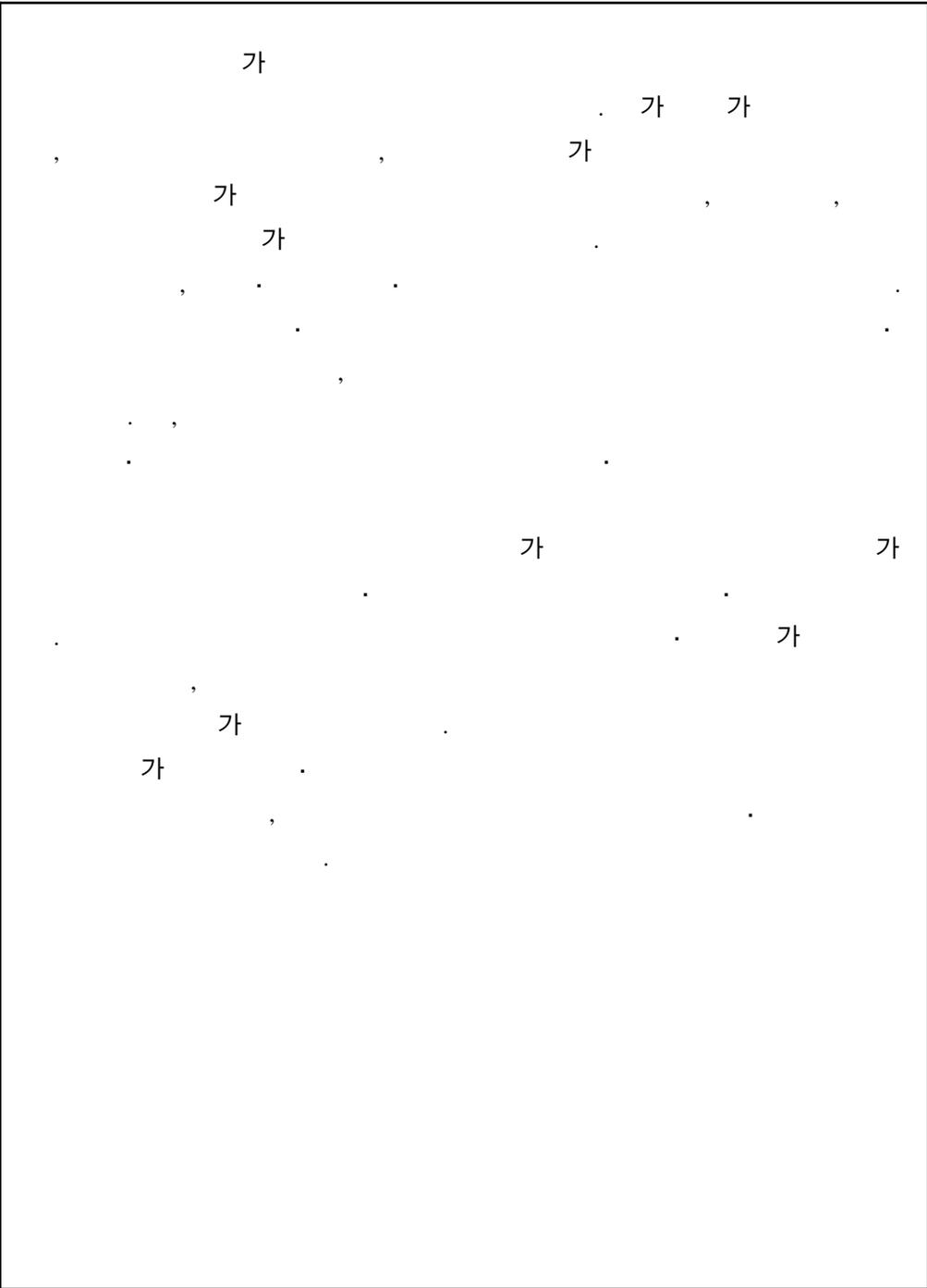
가

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1.	37
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1.	113
2.	121
3.	127

4.	129
5.	131
.	133
	139
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	145

< - 1>		8
< - 1>		가	21
< - 2>		27
< - 3>		30
< - 1>	A	38
< - 2>	A	40
< - 3>	B	42
< - 4>	B	45
< - 5>	A	47
< - 6>	A	50
< - 7>	A	51
< - 8>	A	53
< - 9>	A	54
< -10>	A	55
< -11>	B	57
< -12>	B	.....	58
< -13>	A	60
< -14>	A	66
< -15>	A	68
< -16>	A	71
< -17>	A	73
< -18>	A	76
< -19>	A	77
< -20>	A	79
< -21>	A	82
< -22>	A	89
< -23>	A	91
< -24>	A	92

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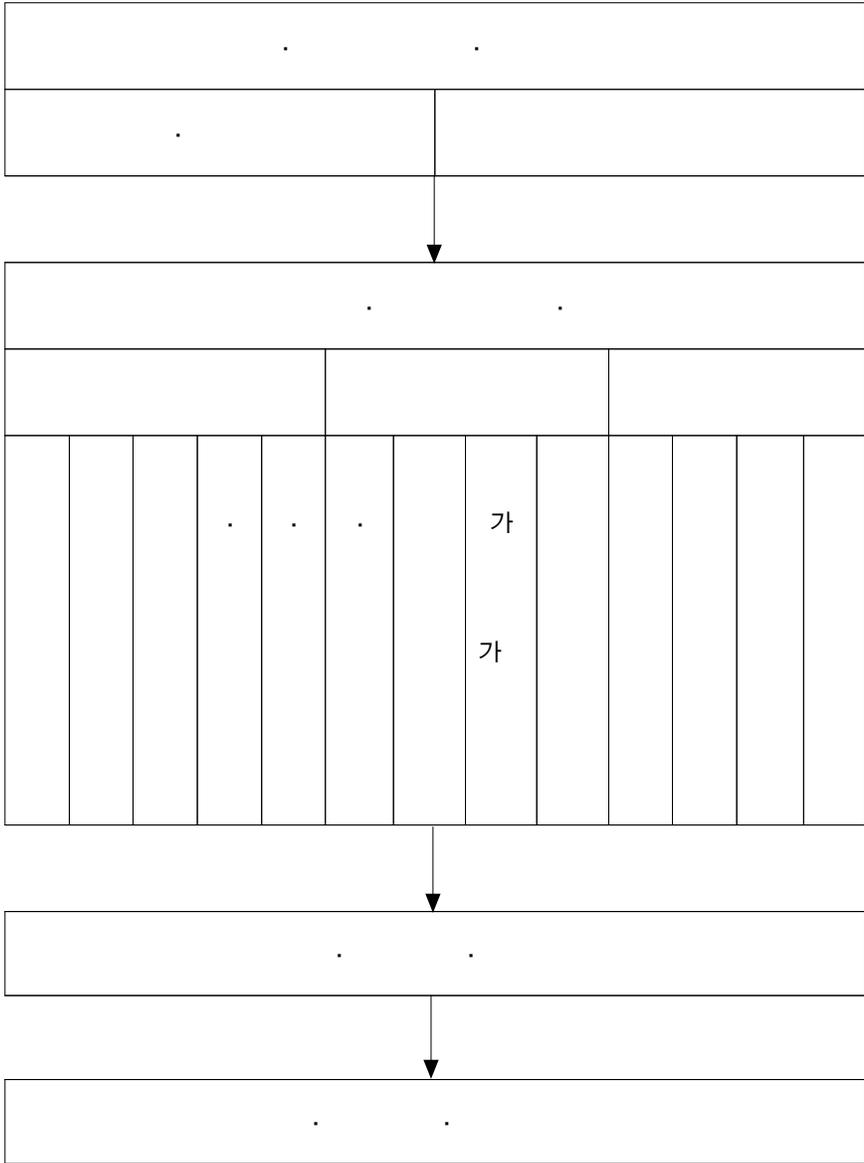
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Kearsley (1984)

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(Goldstein, 1974; Kearsley, 1984; Tracey, 1984; Dugan, 1985; Nadler, 1986; Craig, 1987).

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2) (adequacy)
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3) (safety)

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4) (educational function)

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5) 가 (accessibility)

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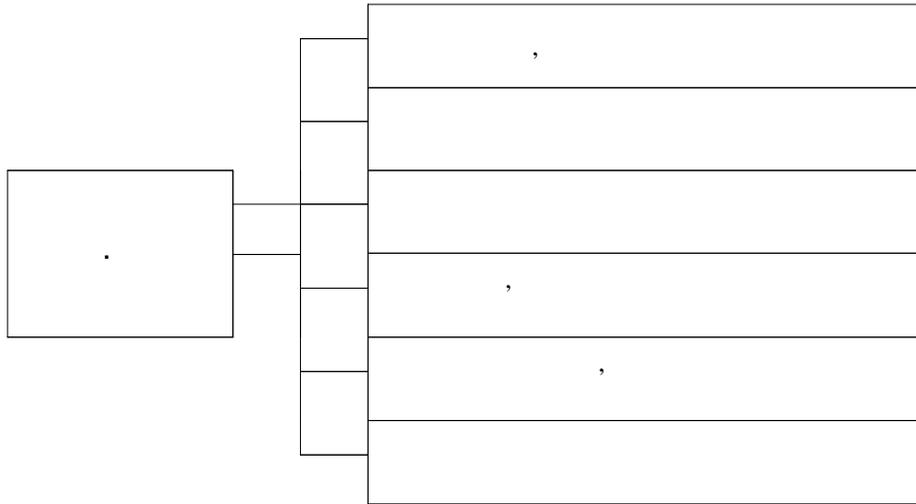
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1971 8 286
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1969 7. 19	299	○ 1959. 4. 1 82 . 1967. 10. 26(3253) ○ 1969. 7. 19(229)	○ 82 (59. 4. 1) . . , , , , , . ○ 229 (69.7.19) . - - .
1969 11. 8	252 (1)	○ 1969. 7. 19 229 . 가	○ , , , . ○ ().
1973 2. 10	308 (2)	○ .	○

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1977 5. 30	408 (4)	○ 3 - () : 73. 2. 14 - () : 73. 8. 31 - () : 74. 12. 31 - () : 76. 2. 23 * - : 76. 2. 23 - : 77. 2 .23	○ ○ , ○ ○ , , ○ . , , ○ (11) ○ 가

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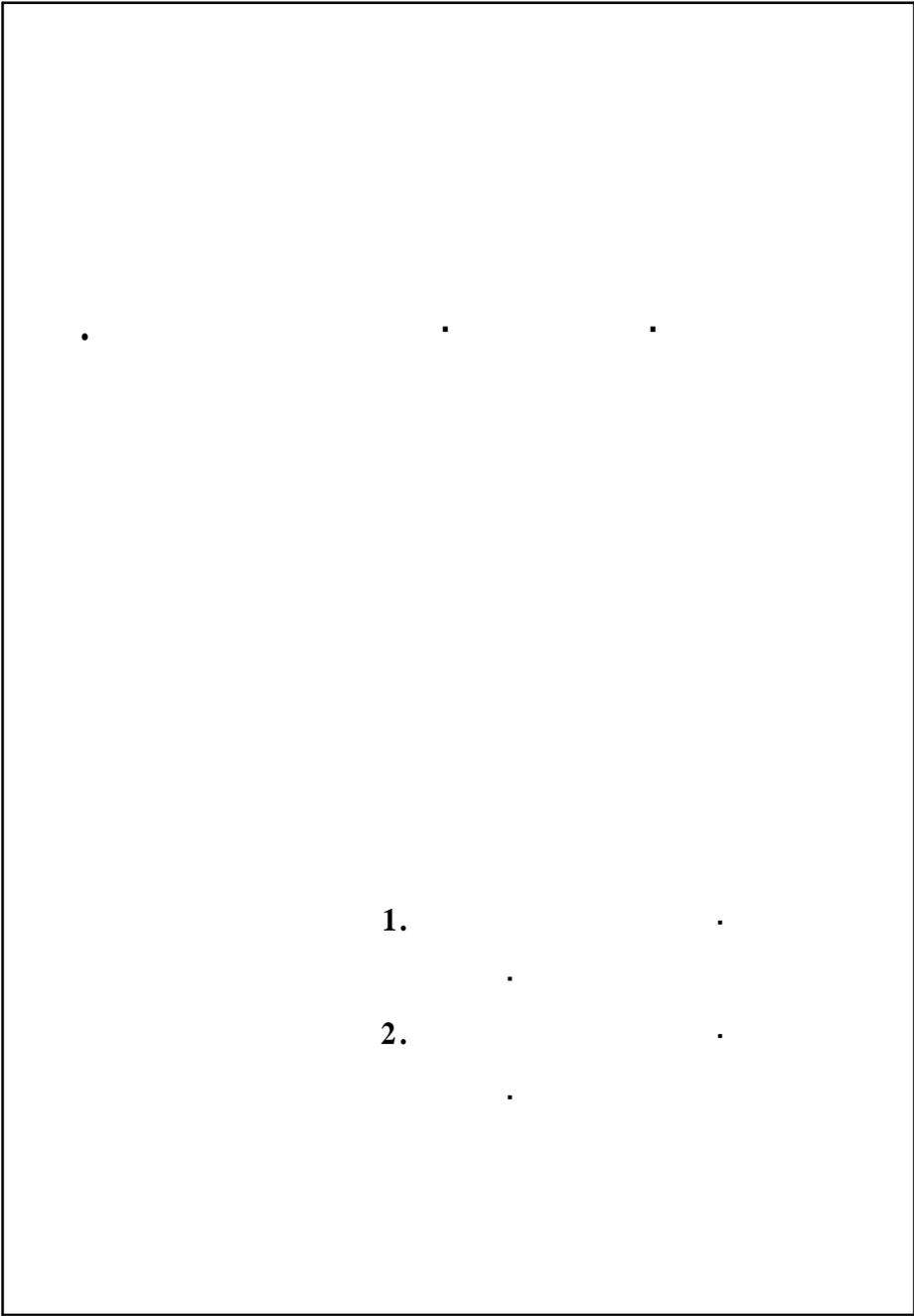
'(8540 , 1977. 4.

21) '(567 , 1977. 7. 5)

3, 6, 12, 24

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(6), (6), (4), (4)

102 ([-1]).

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(36), .

(18), (18) (< -1>).

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(150mm)/

X-Ray Tester,

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		(150mm)	
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		(0.002mm)	
		(0.01mm)	
		(0-25mm)	

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		X-Ray Tester	
		(330-400)	
		(0.01mm)	
		(380)	
		(0.01mm)	
		(3HP)	

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(6), (4), (4), (4)

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< -3> B .

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 (4), (2),
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 가 (1), (2), CAD (2),
 (2), (4), (2), CNC (6),
 (6), (5)
 (1), CAD/CAM(2), (1), (1),
 (2), (1), (2), CAD (2)
 126 ([-3]).
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		가	CNC
	가	,	
CAD/ CAM	CAD/CAM	CAD/CAM C N C C N C CAD	CNC
		PLC	

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CAD	CAD	3	CNC

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		SW 380mm #2	1 1 가 2

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 (3), (3),
 (3), CNC (2), (2), CAD/CAM (2),
 CNC (2), CAD (4), CAM (2),
 (2), (2), (2), (2),
 (4), (2) 74
 ([-4]).

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 CAM CAD/CAM (< -7>).

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CAD/CAM CNC
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 (4), (4), (4), (4) 96
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가		386	WIN95 S/W
		CD-RW	CAI S/W
		X-Y	CAI S/W

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(3), (3), (3),
 PC (2), (3), (3),
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 C (2), WindowsNT(), UNIX (2), PC-DATA
 BASE(2), (3), (3), UNIX (2
), CASE (2), DB-ORACLE (2), (2), NT
 (2), (3), (3),
 (2), (2), C/S (2), DB-ORACLE (2),
 /DB (3), (3), (3), (2)
 (2) (2)

88 ([-7]).

(3) PC (2), (3),
 (3), (3), (2), C (3)
 , GIS (2), (2),
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 / , PC-DB/UNIX
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C	.	C , Preprocessor & Macro Shell Programming	
PC- DATA- BASE	PC	ORACLE SQLPLUS	

UNIX-	50% UNIX	UNIX File System Editor Shell Programming Booting System Administration	
WINDOW -NT	Windows NT	NT 4 Desktop NT Event Viewer Registry NT	
UNIX-	UNIX	UNIX UNIX E-mail FTP Ping/Uvcp	
DB- ORACLE I	ORACLE PC	ORACLE- Administration ORACLE Tuning	

DB-ORACLEII	ORACLE DB, PL/SQL	RDBMS ORACLE SQLPLUS PL/SQL	
	(JAVA)	Demo /	
II			
I	Visual C++	C++ / CDC 95 /	
		C++ Object-Oriented 2 3 가	

		, SQL	
I		/	/
II	, CD	C++	
	GIS S/W 가		
	GPS , GPS	LAN GPS GPS Site	

	JAVA UNIX	(,) CGI	
가	3 CD 3	Authorware	
CASE	ER- DBMS Designer2000	Designer2000 System Modeler Repository Object Navigator	
	UNIX 가 가	UNIX UNIX UNIX / ActiveX	
DB	/	RDB SQL/Services RDB Transparent Gateway to Oracle RDB Transparent Gateway to PC Data Client RDB Distributed Option RDB Parallel Query Option RDB Replication Option	

		JPEG MPEG 2 WAVELET	
	(,) 가	Arc/Info	
NT	Windows NT 가	NT NT	

< - 13> .
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NT, Unix
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		(] Switching Hub , MPEG Card)	
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 ([-11]).
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< -21> A .

	Tight skirt Slacks	Handstitch	
		Color Paper, Swatch 가	

	1. Patte- rn ; , , , 가	가	
	2. , Dartmani pula- tion ; Pattern Neckline, Co-llar Design ; Flat pattern		
		One Piece Dress Skirt	
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	sketch . , , .	가	

	Y-shirts blouse 2	Blouse Blouse	가
	가		
CAD	Fashion CAD(Computer Aided Design) System , Grading	CAD Grading Drawing, Painting, Fabric, Simulation	
		가	Fashion Show

	가	가 Fashion Figure	
	Tailored Jacket Tape, Pad, 가 Tailored Jacket Tailoring Suit Coat	가	
	()		

		가	
	가 가 Fashion Marketing Merchandising	Map (salespromotion) ,	
	가 가	Macra- me Macrame , , 가	

	Sleeve, Skirt Blouse, One- piece, Jacket	,	
		가	
	,		
	가 , ,		
		,	

	<p>Brand Concept Theme , Concept, Coordination Portfolio</p>	<p>Fashion Map, Fashion Item Total Coordination</p>	
	<p>Pattern Design Silhouette</p>	<p>Bodice Form</p>	

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 가 , 가 ,
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 , AFM, 가 . ,

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가		가	가 .
가		(15")	.
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A

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가 가 , 가
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3) A

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(6). , CNC
CNC (1), CNC (1) 1
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가 , CNC
(1998
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가 1999 가 2
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가 , (CNC) 가
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AUTO-CAD

AUTO-CAD

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4)

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가

(shaper), CNC

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A 가
(white color)

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1) A

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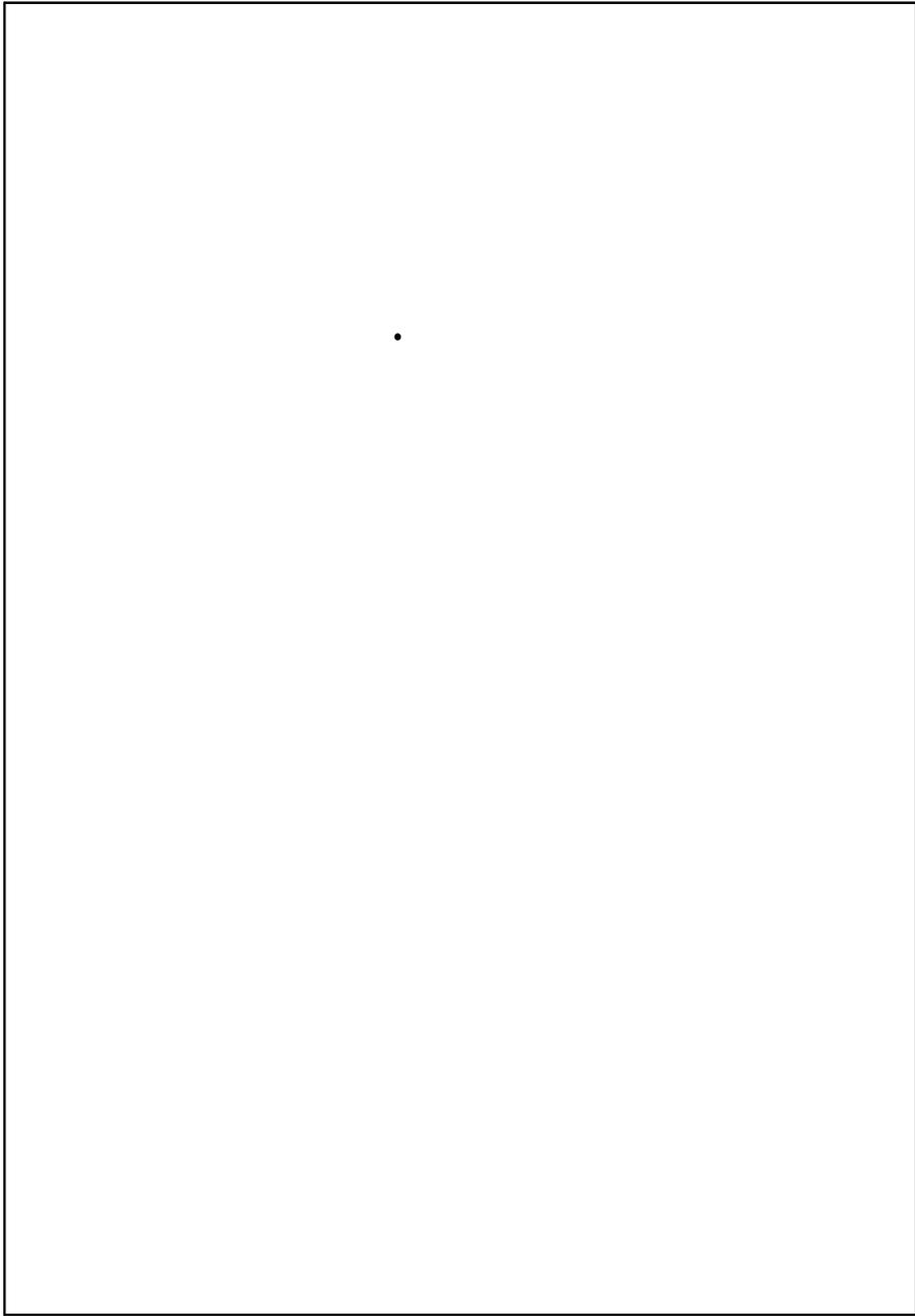
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Craig, R. L.(1987). *Training and Development Handbook*, 3rd. New York
: McGraw-Hill Book Co.

Dugan, L.(1974). *Approaches to Training and Development*, 2nd. Addison
-Wesley Publishing Co.

Goldstein, I. L.(1974). *Training : Program Development and Evaluation*.
California : Brooks / Cole Publishing Co.

Kearsley, G.(1984). *Traning and Technology : A Handbook for HRD
Professionals*, Addison-Wesley Publishing Co.

Nadler, L.(1986). *Designing Training Programs : The Critical Events
Model.*, Addison Wesley Publishing Company Inc.

Tracey, W. R.(1984). *Designing Training and Development Systems*,
New York : AMACOM.

ABSTRACT

The Effective Operational Strategies for Experiment-Practice Facilities and Equipments

Korea Research Institute for Vocational Education & Training

Research-in-Charge : Jong-Hun Ghang

Research Staff : Soo-Kyoung Lee

Sook-Young Byun

1. Outline of the study

The prime purposes of this study were to analyze the current status of experiment-practice facilities and equipments in selected vocational education and training institutions, and to provide the effective operational strategies for them. For the purposes of the study, the concept of experiment-practice facilities and equipments and related laws and ordinances were reviewed, the current status and problems of operating experiment-practice facilities and equipments were investigated from the total of 12 selected technical high schools, junior colleges and polytechnic college, and finally the effective operating strategies and improvement plans were provided. The methods of literature review, field interview, and experts meeting were utilized for this study.

2. The Effective Operational Strategies for Experiment-Practice Facilities and Equipments

Based on the results of this study, the following strategies were made for effective operation of experiment-practice facilities and equipments in the selected vocational educational and training institutions.

- 1) Experiment-practice facilities and equipments should be expanded and possessed in consideration for the curriculum organization and operation.
- 2) The administrative procedures should be simplified so that the expanding and equipping experiment-practice facilities and equipments could be made in the proper time.
- 3) The expenditure for maintenance and management of experiment-practice facilities and equipments should be supported sufficiently.
- 4) The minimum space for experiment-practice facilities and equipments should be secured for the effective operation, and reconstruction and rearrangement of the current experiment-practice facilities and equipments should be made.
- 5) Teaching assistants should be secured to operate and manage experiment-practice facilities and equipments systematically.
- 6) The opportunities of teacher training should be expanded and the substantial countermeasures for enhancing the participation rate of the teacher training should be considered.
- 7) The empowerment of choice of experiment-practice facilities and equipments should be left to discretion of the related academic department.

8) A countermeasure for disposition of superannuated equipments should be considered.

9) It is desirable that the basic experiment-practice facilities and equipments are expanded in the institutions and the advanced /expensive experiment-practice facilities and equipments are possessed in the common practical centers.

10) Through developing educational softwares of simulations, the efficiency of cost benefits against experiment-practice facilities and equipments should be enhanced.

11) The financial support should be differentiated in compliance with the results of comprehensive evaluation for experiment-practice facilities and equipments in the institution.

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		6	6	6	6	12	3	9	12	3	9	16	7	9	16	7	9	68	20	48		
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								2	2		2	2		2	2		2	2		8	8	
													3	1	2	3	1	2	6	2	4	
	가												2	2		2	2		4	4		
		1	1		1	1		8	4	4	8	4	4	18	12	6	18	12	6	54	34	20
		4	2	2	4	2	2	11	4	7	11	4	7	25	14	11	25	14	11	80	40	40
		13	9	4	11	9	4	13	6	7	13	6	7	25	14	11	25	14	11	102	58	44

* 1 (2 : , 3 :).

[-7] A

	1						2									
	1			2			1			2						
(,)							1			2				3		
PC	2		4											2		4
	3	3												3	3	
	3	3												3	3	
	3	3												3	3	
	2	2												2	2	
C	3	3												3	3	
	16	14	4											16	14	4
C				2		4								2		4
WindowsNT				2	1	2								2	1	2
UNIX-				2		4								2		4
PC-DATABASE				2		4								2		4
				3	3									3	3	
				3	3									3	3	
UNIX-							2		4					2		4
CASE							2		4					2		4
DB-ORACLE							2		4					2		4
							2		4					2		4
NT							2	1	2					2	1	2
							3	3						3	3	
							3	3						3	3	
							2	2						2	2	
										2		4		2		4
C/S										2		4		2		4
DB-ORACLE										2		4		2		4
/DB										3	3			3	3	
										3	3			3	3	
										3	3			3	3	
										2	2			2	2	
				14	7	14	18	9	18	17	11	12	49	27	44	
	16	14	4	14	7	14	19	9	18	19	11	12	68	41	48	
							2	2					2	2		
										2	2		2	2		
							2	2		2	2		4	4		
	22	20	4	20	13	14	23	13	18	23	15	12	88	61	48	

		1						2										
		1			2			1			2							
	(,)							1				2				3		
PC		2														2		
		3	3													3	3	
		3	3	4												3	3	4
		3	3													3	3	
		2	2													2	2	
		3	3													3	3	
		16	14	4												16	14	4
GIS																		
					2	2										2	2	
					2	2										2	2	
					2	2										2	2	
					2	2										2	2	
					2	2										2	2	
					2		4									2		4
					2		4									2		4
					2		4									2		4
								2	2							2	2	
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								2	2							2	2	
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								2		4						2		4
								2		4						2		4
								2		4						2		4
								2		4						2		4
	가										2	2				2	2	
											2	2				2	2	
	GIS										2	2				2	2	
										2		4	2		4	2	4	
가										2		4	2		4	2	4	
										2		4	2		4	2	4	
				16	10	12	20	12	16	14	8	12	50	30	40			
		16	14	4	16	10	12	21	12	16	16	8	12	69	44	44		
								2	2						2	2		
										2	2				2	2		
								2	2		2	2			4	4		
		22	20	4	22	16	12	23	14	16	18	10	12	85	60	44		

[- 8] A

		1				2				3												
		1		2		1		2		1		2										
		2	2		2	2											4	4				
		2	1	1	2	1	1										4	2	2			
								3	1.5	1.5	3	1.5	1.5									
													3	1.5	1.5	3	1.5	1.5	6	3	3	
		3	1.5	1.5	3	1.5	1.5										6	3	3			
		7	4.5	2.5	7	4.5	2.5	3	1.5	1.5	3	1.5	1.5	3	1.5	1.5	3	1.5	1.5	26	15	11
		2	1	1	2	1	1													4	2	2
		3	1.5	1.5	3	1.5	1.5													6	3	3
								4	2	2	4	2	2							8	4	4
													4	2	2	4	2	2		8	4	4
		5	2.5	2.5	5	2.5	2.5	4	2	2	4	2	2	4	2	2	4	2	2	26	13	13
		3	1.5	1.5	3	1.5	1.5													6	3	3
								2	1	1	2	1	1							4	2	2
								2	1	1	2	1	1							4	2	2
								2	1	1	2	1	1							4	2	2
													4	2	2	4	2	2		8	4	4
													3	1.5	1.5	3	1.5	1.5		6	3	3
													2	1	1	2	1	1		4	2	2
								3	1.5	1.5	3	1.5	1.5							6	3	3
		3	1.5	1.5	3	1.5	1.5	6	3	3	6	3	3	9	4.5	4.5	9	4.5	4.5	42	21	21
		15	8.5	6.5	15	8.5	6.5	16	8	8	16	8	8	16	8	8	16	8	8	94	49	45

[-9] A

	1						2									
	1			2			1			2						
	3	2	2											3	2	2
	3	2	2											3	2	2
	3	2	2											3	2	2
							3	2	2					3	2	2
							2	1	2					2	1	2
										1		1		1		1
										1		2		1		2
	9	6	6				5	3	4	2		3	2	9	13	
	2	2											2	2		
	3	2	2										3	2	2	
				2	1	2							2	1	2	
				2	1	2							2	1	2	
	5			4	2	4							9	6	8	

	1						2									
	1			2			1			2						
	2	2												2	1	
				2	1	2								2	2	2
				3	2	2								3	2	2
				3	2	2								3	2	2
				3	2	2								3	2	2
				3	2	2								3	2	2
							2	1	2					2	1	2
							2	1	2					2	1	2
							3	2	2					3	2	2
							2	1	2					2	1	2
							2	1	2					2	1	2
							2	1	2					2	1	2
가							2	2						2	2	
										3	2	2	3	2	2	
										3	2	2	3	2	2	
										2	1	2	2	1	2	
										2	1	2	2	1	2	
										2	2		2	2		
가										2	2		2	2		
										2	2		2	2		
										2	2		2	2		
										2	2		2	2		
	2	2		14	9	10	17	13	14	20	16	8	51	36	30	
	21	15	12	23	15	16	24	16	16	22	16	10	98	62	54	

[- 10] A

	1			2			3														
	1		2	1		2	1		2												
가	4	1	3	4	1	3	9	2	7	9	2	7	14	2	12	14	2	12	54	10	44
	2	1	1	2	1	1													4	2	2
							2	1	1	2	0	2	2	0	2	2	0	2	8	1	7
	3	3	0	3	2	1													6	5	1
	2	1	1	2	0	2	4	0	4	4	0	4							12	1	11
	11	6	5	11	4	7	15	3	12	15	2	13	16	2	14	16	2	14	84	19	65
	2	1	1	2	1	1							2	1	1	2	0	2	4	2	2
																			4	1	3
	2	1	1	2	1	1							2	1	1	2	0	2	8	3	5
	13	7	6	13	5	8	15	3	12	15	2	13	18	3	15	18	2	16	92	22	70
	13	7	6	13	5	8	15	3	12	15	2	13	18	3	15	18	2	16	92	22	70

[- 11] A

	1						2									
	1			2			1			2						
	2	1	2											2	1	2
	3	1	2											3	1	2
				3	1	2								3	1	2
				3	1	2								3	1	2
							2	2						2	2	
							2	2						2	2	
							3	1	2					3	1	2
							3	1	2					3	1	2
							3	1	2					3	1	2
										3	1	2		3	1	2
CAD										2	1	1		2	1	1
	5	2	4	6	2	4	13	7	6	5	2	3	28	13	17	
	2	2												2	2	
	2	2												2	2	
	3	1	2											3	1	2
	7	5	2											7	5	2
	2	1	2											2	1	2
	2	1	2											2	1	2
				3	1	2								3	1	2
				2	1	2								2	1	2
				2	1	1								2	1	1
				3	1	2								3	1	2
							2	2						2	2	
							2	1	2					2	1	2
							2	1	2					2	1	2
							3	1	2					3	1	2
										2	2			2	2	
										2	1	2		2	1	2
										2	1	2		2	1	2
										2	1	2		2	1	2
										2	1	1		2	1	1
										2	1	2		2	1	2
										2				2		
	4	2	4	10	4	7	9	5	6	16	8	11	39	19	28	
	16	9	10	16	6	11	22	12	12	21	10	14	74	37	47	
	24	16	11	25	13	12	23	12	12	22	10	14	93	51	49	

[- 12] A

	1			2			3														
	1		2	1		2	1		2												
	2	2		2	2								4	4							
							2	1	1	2	1	1			4	2	2				
													10	10	20	20	30	30			
	2	2		2	2		2	1	1	2	1	1	10	10	20	20	38	6	32		
	3	2	1	2	1	1	3	2	1	2	1	1	3	3	3	3	16	6	10		
	3	1	2	2	1	1	2	1	1	2	1	1	2	2	3	3	14	4	10		
	6	3	3	4	2	2	5	3	2	4	2	2	5	5	6	6	30	10	20		
	2	2		2	2		2	1	1	2	1	1	2	2	2	2	12	6	6		
							2	1	1	2	1	1	2	1	1	2	1	1	8	4	4
							4	2	2	2		2	2	2			8	2	16		
	2	2		2	2		8	4	4	6	2	4	6	11	5	4	1	3	28	12	68
	10	7	3	8	6	2	15	8	7	12	5	7	21	1	20	30	1	29	96	28	68
	10	7	3	8	6	2	15	8	7	12	5	7	21	1	20	30	1	29	96	28	68

- 177- - 178- - 179- - 180- - 181- - 182- - 183- - 184- - 185-
- 186- - 187- - 188- - 189- - 190- - 191- - 192- - 193- - 194-
- 195- - 196- - 197- - 198- - 199- - 200- - 201- - 202- - 203-
- 204- - 205- - 206- - 207- - 208- - 209- - 210- - 211- - 212-
- 213- - 214- - 215- - 216- - 217- - 218- - 219- - 220- - 221-
- 222- - 223- - 224- - 225- - 226- - 227- - 228- - 229- - 230-
- 231- - 232- - 233- - 234- - 235- - 236- - 237- - 238- - 239-
- 240- - 241- - 242- - 243- - 244- - 245- - 246- - 247- - 248-
- 249- - 250- - 251- - 252- - 253- - 254- - 255- - 256- - 257-
- 258- - 259- - 260- - 261- - 262- - 263- - 264- - 265- - 266-
- 267- - 268- - 269- - 270- - 271- - 272- - 273- - 274- - 275-
- 276- - 277- - 278- - 279- - 280- - 281- - 282- - 283- - 284-
- 285- - 286- - 287- - 288- - 289- - 290- - 291- - 292- - 293-
- 294- - 295- - 296- - 297- - 298- - 299- - 300-



[] .

[- 1] A

	()		(/)				가 (:)	(:)		(:)
			12	1	9	-3	500	/		84
	0- 25mm		9	1	9	0	80			84
	0- 25mm		9	1	21	12	200			84
	25- 50mm		6	1	20	14	220			84
	75- 100mm		1	1	1	0	233	3,000/ 11,310		84
	0.01mm		90	1	78	- 12	50			84
			3	1	1	- 2	900			84
	0.002mm		90	1	134	44	50			84
			3	1	1	- 2	4,000			84

	()		(/)				가 (:)	(:)		(:)
			3	1	3	0	40	3,000/ 11,310		84
		0.002mm	3	1	3	0	40			84
		0.22mm	15	1	15	0	40			84
		150mm	90	1	124	34	30			84
			3	1	2	- 1	1,000			84
		47	6	1	3	- 3	1,100			84
		350- 450mm	90	1	132	42	8,000			84
			3	1	2	- 1	16,000			84
			3	1	1	- 2	200			84
		6- 10mm	3	1	5	2	200			84
		10- 18mm	3	1	48	45	220			84
		18- 35mm	12	1	148	136	240			84
			3	1	2	- 1	4,000			84
		200mm	10	1	10	0	10			84

()		(/)				가 (:)	(:)		(:)
	5- 25mm	24	1	41	17	120	3,000/ 11,310	/	84
	25- 50mm	24	1	41	17	130		84	
	50- 75mm	20	1	20	0	170		84	
	75- 100mm	1	1	1	0	210		84	
	0.01mm	12	1	10	- 2	100		84	
	0.002mm	10	1	10	0	110		84	
		3	1	5	2	400		84	
	35- 60mm	12	1	41	29	260		84	
	53- 180mm	2	1	2	0	300		84	
	0- 25mm	90	1	127	37	60		84	
	25- 50mm	90	1	155	65	80		84	
	50- 75mm	90	1	40	- 50	100		84	
	100- 125mm	1	1	1	0	140		84	
		3	1	3	0	400		84	
		3	1	3	0	40		84	
	100- 125mm	4	1	4	0	40		84	
	200mm	3	1	3	0	17	84		

	()		(/)				가	(:)	(:)	(:)
							(:)			
		18	2	1	2	0	24	3,000/ 11,310	/	84
		18	2	1	2	0	184		84	
		0- 25mm	4	1	4	0	11		84	
		25- 50mm	4	1	4	0	13		84	
		0- 25mm	1	1	1	0	45		84	
		25- 50mm	6	1		0	91		84	
		25- 50mm	10	1	10	0	70		84	
		25- 50mm	4	1	4	0	30		84	
		25- 50mm	1	1	1	0	4		84	
		25- 50mm	1	1	1	0	53		84	
		25- 50mm	2	1	2	0	4		84	
		25- 50mm	1	1	1	0	220		84	
		100mm	4	1	4	0	70		84	
		150mm	10	1	10	0	33		84	
		1ton	1	1	1	0	31		84	
			3	1	3	0	450		84	
3			3	1	3	0	2,500		84	
V-			6	1	2	-4	100	84		

	()		(/)			가 (:)		(:)	(:)
			1	1	1	0	200		84
			1	1	1	0	10,000		84
			2	1	2	0	2,480		84
			1	1	1	0	175		84
		18KVA	1	1	1	0	163		84
	CNC		2	1	2	0	70,000	/	28
	CNC	300- 450mm	2	1	3	1	50,000	0/0	28
			1	1	1	0	500		28
		5- 25mm	4	1	9	5	120		28
		25- 50mm	4	1	9	5	130		28
		300mm	4	1	4	0	400		28
		0.01mm	8	1	7	- 1	50		28
		0.01mm	8	1	5	- 3	100		28
		0.002mm	4	1	4	0	110		28
			8	1	27	19	50		28
			2	1	2	0	40		28

	()		(/)				가	(:)	(:)		(:)
							(:)				(:)
		150mm	8	1	30	22	30			/	28
		47	2	1	2	0	1,100				28
		103	1	1	1	0	3,000				28
		10- 18mm	2	1	12	10	220		0/0		28
		18- 35mm	2	1	28	26	220				28
		35- 60mm	2	1	19	17	260				28
		0- 25mm	8	1	22	14	60				28
		25- 50mm	8	1	29	21	80				28
		75- 100mm	4	1	3	- 1	120				28
			2	1	1	- 1	400				28
			15	1	14	- 1	6,000				28
			1	1	1	0	40				28
		16bit	1	1	1	0	1,485				28
		24pin	1	1	1	0	1,045				28
		14"color	1	1	1	0	330				28
	p.p.r		1	1	1	0	4,000				28
		500kg	1	1	1	0	121				28
	(	RTPL95	2	1	2	0	792				28

	()		(/)				가 (:)	(:)		(:)
		210*210	1	1	1	0	220			28
			1	1	1	0	99			28
	O.H.P	HP- 285P	1	1	1	0	715			28
3			4	1	2	-2	2,500		/	28
	V	75*35*25	4	1	4	0	100			28
		1	4	1	4	0	500			28
		0- 25	30	1	30	0	80	1,500/ 5,000		28
		25- 50	30	1	53	23	100			28
		50- 75	3	1	9	6	120			28
		75- 100	3	1	1	-2	150			28
		5- 25	30	1	26	-4	120			28
		25- 50	30	1	24	-6	130			28
		50- 75	8	1	13	5	170			28
		150	8	1	3	-5	200			28
		300	3	1	2	-1	400			28
		0.01MM	8	1	8	0	50			28
		0.01MM	8	1	12	4	100			28
		0.002	8	1	5	-3	110			28

	()		(/)				가 (:)	(:)		(:)
		150	30	1	18	- 12	30	1,500/ 5,000	/	28
		47	8	1	2	- 6	1,100		28	
		75	30	1	28	- 2	50		28	
		110*280	2	1	7	5	25,000		28	
		1300*270	30	1	11	- 19	17,000		28	
		0- 25	4	1	2	- 2	80		28	
		25- 50	4	1	4	0	90		28	
		0- 25	1	1	1	0	67		28	
		25- 50	1	1	1	0	91		28	
		0- 25	30	1	38	8	60		28	
		25- 50	30	1	27	- 3	80		28	
		50- 75	8	1	18	10	100		28	
		75- 100	4	1	1	- 3	120		28	
		0- 25	8	1	16	8	110		28	
		25- 50	8	1	8	0	130		28	
		25- 50	3	1	3	0	130		28	
		50- 75	3	1	3	0	130		28	
		100*75	15	1	10	- 5	150		28	

	()		(/)				가 (:)	(:)		(:)
		0- 25	8	1	4	- 4	100	1,500/ 5,000	/	28
		25- 50	8	1	4	- 4	110			28
			2	1	2	0	153			28
			6	1	6	0	153			28
		350- 450	2	1	4	2	4,500			28
		25	1	1	1	0	2,162			28
			1	1	1	0	11,975			28
		350- 450	4	1	4	0	795			28
		100	1	1	1	0	173			28
			1	1	1	0	25			28
		0- 25	1	1	1	0	12			28
		25- 50	1	1	1	0	14			28
		50- 75	1	1	1	0	16			28
	R	7.5- 15	3	1	3	0	3			28
		8- 10MM	2	1	2	0	193			28
		12- 16	1	1	1	0	198			28
		10- 12	2	1	2	0	193			28

	()		(/)				가 (:)	(:)		(:)	
			10	1	10	0	17			28	
		3	1	1	1	0	2,638			28	
	V-	32*32*41	8	1	2	-6	100	/		28	
		125MM	2	1	1	-1	500			28	
		3HP	4	1	3	-1	500			28	
		0-25	8	1	24	16	80		2,000/5,500		28
		25-50	2	1	8	6	100				28
		5-25	8	1	10	2	120			28	
		25-50	8	1	7	-1	130			28	
		300	3	1	3	0	400			28	
		0.01	30	1	25	-5	50			28	
		0.001	8	1	3	-5	60			28	
		0.002	8	1	15	7	110			28	
		0.01	8	1	15	7	100			28	
			8	1	9	1	50			28	
			1	1	1	0	10			28	
		SW292	8	1	15	7	25,000		28		

()		(/)				가 (:)	(:)		(:)
	SW200	2	1	2	0	5,624	2,000/ 5,500		28
		8	1	2	- 6	70			28
	150	30	1	22	- 8	30			28
	103	1	1	1	0	3,000			28
		8	1	11	3	110			28
	300	1	1	1	0	5,000			28
	400*750	8	1	15	7	8,000			28
	150	1	1	1	0	200			28
	1100*280	4	1	5	1	17,000			28
	10- 18	8	1	5	- 3	220			28
	18- 35	8	1	5	- 3	240			28
	35- 60	4	1	5	1	260			28
	0- 25	8	1	17	9	60			28
	25- 50	8	1	30	22	80			28
	50- 75	8	1	8	0	100			28
	75- 100	8	1	5	- 3	120			28

	()		(/)				가 (:)	(:)		(:)
		250*280*180	1	1	1	0	12,000	2,000/ 5,500	/	28
			8	1	2	- 6	400			28
		650*300	8	1	10	2	18,000			28
		900*1200*800	4	1	4	0	29			28
		250*280*180	1	1	1	0	9,700			28
CAD/ CAM	CNC	TNV40- A	1	1	2	1	70,000	0/0	/ CAD/ CAM	56
		JUNIORV - 10	1	1	1	0	70,000		CAD/ CAM	56
		PC386DX	8	1	8	0	2,500		CAD/ CAM	56
		CAD/ CAM	15	1	19	4	2,500		CAD/ CAM	56
		M615T	30	1	30	0	2,500		CAD/ CAM	56
		486DX	15	1	1	- 14	2,500		CAD/ CAM	56
			4	1	2	- 2	10,000		CAD/ CAM	56
		8	1	2	- 6	3,000	CAD/ CAM		56	
		6100C	1	1	1	0	700		CAD/ CAM	56
			1	1	1	0	140		CAD/ CAM	56
	V - CNC		19	1	19	0	2,900		CAD/ CAM	56
			30	1	30	0	50		CAD/ CAM	56
			15	1	15	0	198		CAD/ CAM	56

()		(/)				가 (:)	(:)		(:)
v	63*63*65	45	1	37	- 8	100	2,100/ 6,260		84
	3Hp	6	1	8	2	500			84
	200*350mm	3	1	1	- 2	16,000			84
	0- 25mm	24	1	15	- 9	80			84
	125mm	45	1	35	- 10	70			84
	5- 25mm	24	1	18	- 6	120			84
	25- 50mm	24	1	14	- 10	130			84
	50- 75mm	12	1	6	- 6	170			84
	250mm	15	1	20	5	200			84
	150mm	15	1	16	1	200			84
	250mm	15	1	30	15	200			84
	0.01mm	45	1	42	- 3	100			84
	0.002mm	3	1	3	0	110			84
	17mm	3	1	2	- 1	1,200			84
	75mm	24	1	4	- 20	200			84
	1/ 2Hp	3	1	3	0	4,000			84
	13mm	24	1	20	- 4	900		84	

	()		(/)				가 (:)	(:)		(:)
	v	100*100*100	6	1	6	0	700	2,100/ 6,260	/	84
		75KG	24	1	30	6	50		84	
		150- 300mm	3	1	6	3	150		84	
		100mm	90	1	118	28	70		84	
		1- 7mm	3	1	3	0	40		84	
		7.5- 15mm	3	1	10	7	40		84	
		32	36	1	36	0	169		84	
		150mm	45	1	31	- 14	30		84	
		47	45	1	24	- 21	1,100		84	
		103	3	1	3	0	3,000		84	
		22	3	1	3	0	4,000		84	
		100mm	6	1	5	- 1	300		84	
		450*450*100	45	1	33	- 12	400		84	
		350*450	24	1	15	- 9	8,000		84	
		2	6	1	7	1	17,000		84	
		0- 25mm	45	1	42	- 3	60		84	
		25- 50mm	45	1	42	- 3	80	84		

	()		(/)				가 (:)	(:)		(:)
		50-75mm	24	1	10	-14	100	2,100/6,260		84
		75-100	3	1	3	0	120			84
		100mm	3	1	2	-1	150			84
		125mm	45	1	43	-2	50			84
		650*300	3	1	2	-1	18,000			84
		21	3	1	2	-1	40			84
		250mm	3	1	2	-1	2,500			84
		18kva	2	1	2	0	163			84
	SET	9	4	1	4	0	20			84
	v	63*75	2	1	2	0	5			84
		25-50mm	5	1	5	0	14			84
		0-25mm	5	1	5	0	12			84
		50-75mm	1	1	1	0	16			84
		5	1	1	1	0	5,365			84
		1000*1000*140	34	1	34	0	1,050			84
		3-14mm	1	1	1	0	506			84

	()		(/)				가 (:)	(:)		(:)
		86	1	1	1	0	4,000	/		28
		0.0001	1	1	1	0	17,000			28
			1	1	1	0	200			28
		25- 50mm	8	1	5	-3	100		0/0	28
		150mm	8	1	7	-1	200			28
		300mm	4	1	4	0	5,000			28
		0.002mm	1	1	1	0	170			28
		300mm	8	1	1	-7	200			28
		0.01mm	15	1	16	1	100			28
		0.002mm	15	1	12	-3	110			28
		0- 25mm	2	1	2	0	90			28
v		100*100*100	8	1	4	-4	700			28
		80kg	8	1	7	-1	50			28
		100	8	1	10	2	50			28
		1mm	4	1	10	6	80			28
		47	8	1	5	-3	1,100			28
		103	8	1	1	-7	3,000			28

	()		(/)				가 (:)	(:)		(:)
		14	1	1	1	0	4,000	/		28
		0- 150mm	2	1	2	0	5,000			28
			1	1	1	0	100,000			28
		18	2	1	1	- 1	2,500		0/0	28
		R- 12	2	1	1	- 1	4,000			28
		1000*1000*200	1	1	1	0	2,000			28
		30mm	4	1	2	- 2	197			28
		250mm	1	1	1	0	226			28
		88	5	1	5	0	708			28
		100mm	1	1	1	0	1,320			28
		4	2	1	2	0	120			28
		0- 25mm	4	1	1	- 3	80			28
		25- 50mm	4	1	1	- 3	90			28
		10- 18mm	4	1	3	- 1	200			28
		18- 35mm	8	1	5	- 3	180			28
		35- 60mm	8	1	5	- 3	180			28
		60- 100mm	1	1	1	0	180		28	

	()		(/)				가 (:)	(:)		(:)
		0.5	1	1	1	0	20,000	/		28
		0- 25mm	30	1	6	- 24	60			28
		25- 50mm	30	1	17	- 13	80			28
		50- 75mm	15	1	20	5	100		0/0	28
		75- 100mm	8	1	4	- 4	120			28
		0.0005mm	1	1	1	0	2,600			28
		1- 7MM	1	1	2	1	40			28
		300mm	1	1	1	0	40,000			28
		486dx	1	1	1	0	2,000			28
		386	2	1	2	0	2,000			28
		0- 25mm	1	1	1	0	100			28
		8- 600	1	1	1	0	40,000			28
		0.03- 1mm	1	1	8	7	25			28
		200mm	19	1	19	0	79			28
		150mm	10	1	10	0	70			28
		150mm	10	1	10	0	73		28	

	()		(/)				가 (:)	(:)		(:)
		25- 40/45- 65mm	2	1	2	0	651	/		28
v		2- 25mm	2	1	2	0	101			28
		25- 50mm	22	1	22	0	91			28
		100*35*15	1	1	1	0	111		0/0	28
		12.7~50.8	15	1	9	-6	2,400	/		28
		10~60mm	8	1	6	-2	75			28
		12.7 * 50.8 m/m	1	1	1	0	1,350	0/0		28
		10.2kg	1	1	1	0	1,406	0/0		28
		50.8 ~ 101.6	1	1	1	0	45			28
		14	48	1	48	0	12			28
		50.8 ~ 101.6	1	1	1	0	45			28
		14	2	1	2	0	12			28
		6"	3	1	3	0	379			28
	()	4	1	1	1	0	55			28
		2	52	1	52	0	40			28

()		(/)				가 (:)	(:)		(:)
	950W,100V~220V	1	1	1	0	360	/		28
	4~16mm	8	1	1	-7	160			28
	13mm,1Hp	1	1	1	0	680			28
	8A	8	1	5	-3	200		0/0	28
	3/8"~1"	8	1	6	-2	350			28
	6"	8	1	7	-1	70			28
	65mm,pipe 140mm, 130*130mm, 20kg	2	1	1	-1	340			28
	2.2KW	2	1	2	0	3,800			28
	R 15~1000	2	1	1	-1	3,000			28
	18KVA	4	1	4	0	600			28
	1/2"~5/4"	30	1	10	-20	40			28
	900*1200	4	1	1	-3	1,400		28	

()		(/)				가 (:)	(:)		(:)
	350mm	1	1	1	0	4,200	0/0	/	28
	14mm, 13mm	4	1	4	0	130		28	
TIG	30~300A	2	1	1	- 1	3,800		28	
	1/2Hp, 180* 25*16, 16mm	2	1	2	0	750		28	
	1000mm	4	1	3	- 1	400		28	
MIG	16KVA	8	1	2	- 6	4,200	1,220/ 3,800	/	56
TIG	0~300A	8	1	3	- 5	3,800		56	
가	0~50mm	2	1	2	0	1,600		56	
	800A 600KVA	2	1	1	- 1	24,000		56	
	1/2HP	8	1	2	- 6	500		56	
		2	1	1	- 1	7,200		56	
	1HP	2	1	1	- 1	900		56	
	8A	16	1	6	- 10	200		56	

()	(/)			(:)	(:)	(:)	(:)
	0~12t	2	1	1	- 1	22,000	1,220/ 3,800
	6"	16	1	28	12	70	
	c-45, 110V	2	1	1	- 1	300	
	set	16	1	5	- 11	800	
	247A	16	1	2	- 14	3,800	
	18KVA	30	1	22	- 8	600	
	17KW	2	1	1	- 1	4,800	
	1000*1000*220	8	1	1	- 7	1,400	
	-	2	1	1	- 1	20,000	
	0~150kg/ cm	2	1	1	- 1	4,500	
		2	1	1	- 1	4,400	
	15	8	1	3	- 5	130	
	65, 140, 130*130	2	1	1	- 1	340	

()	(/)					(:)	(:)	(:)
	1HP	1	1	1	0	900	1,220/ 3,800	56
	50kg	2	1	2	0	3,800		56
	15 k.v.a	1	1	1	0	890		56
	3 220v60hz	1	1	1	0	22,000		56
	15 ton	1	1	1	0	1,964		56
	4 kva	1	1	1	0	94		56
		1	1	1	0	55		56
		1	1	1	0	605		56
tank	5 g/a	1	1	1	0	290		56
		1	1	1	0	20		56
	500kg	1	1	1	0	121		56
"TFI"X-Ray tester	model androx ls	1	1	1	0	8,255		56
	19 ~ 38	2	1	2	0	68		56
	6 n	2	1	2	0	108		56
	5 ~ 25 m/m	5	1	5	0	77		56
		5	1	5	0	7	56	

()		(/)				가 (:)	(:)		(:)
TIG	140A	4	1	1	-3	3,800	100/ 100	/	28
		4	1	1	-3	500		28	
	600mm	8	1	7	-1	400		28	
	1Hp 13mm	1	1	1	0	900		28	
	5A	15	1	6	-9	200		28	
	3Station	1	1	1	0	16,000		28	
	20 lset	4	1	4	0	3,200		28	
	300mm	15	1	9	-6	75		28	
		4	1	3	-1	800		28	
	1.6t, 500~900mm	2	1	2	0	4,000		28	
	500kg, 400	1	1	1	0	3,800	28		

()		(/)				가 (:)	(:)		(:)
	220V, 60A	4	1	2	-2	3,800	100/ 100	/	28
	18.5KV, 300A	4	1	4	0	600		28	
	18KVA	4	1	3	-1	4,800		28	
	600*900*750	4	1	3	-1	1,400		28	
	1.6t 300W	8	1	10	2	570		28	
		8	1	6	-2	130		28	
	50*1000, 0.7mm	1	1	1	0	5,000		28	
	1.59t, 925mm	1	1	1	0	2,500		28	
	cutter 3set	1	1	1	0	2,000		28	
	3Hp	1	1	1	0	2,000		28	
	200MHz	8	1	2	-6	3,000		28	
	600dpi	1	1	1	0	3,000		28	
		1	1	1	0	70,000		28	

()		(/)				가 (:)	(:)		(:)
	3.25t*300	1	1	1	0	40,000	100/ 100	/	28
	6"	8	1	7	- 1	70		28	
	16	3	1	3	0	3,200		28	
nother and shear	MAX notch 150*15	1	1	1	0	213		28	
Ring and circle she	0.953mm	1	1	1	0	108		28	
combination rotary	24gage,	1	1	1	0	89		28	
pipe and bar bender		1	1	1	0	34		28	
spring divider		1	1	1	0	1		28	
		1	1	1	0	5		28	
setting down machine		1	1	1	0	58		28	
corner shear		1	1	1	0	702		28	
magnetic block		1	1	1	0	208		28	
		1	1	1	0	2,706		28	
		2	1	2	0	55		28	
		1	1	1	0	99		28	
		2	1	2	0	187	28		

	()		(/)			가 (:)		(:)		(:)		
			3	1	3	0	108	100/ 100	/	28		
	roll forming machine		1	1	1	0	396			28		
	spring divider		11	1	11	0	1			28		
	magnetic block		5	1	5	0	208			28		
CAD		12"*12"	32	1	1	- 31	300	820/ 2,232	/	CAD	112	
		80586- 200	120	1	106	- 14	2,500			CAD	112	
		80386- 25	1	1	1	0	2,500			CAD	112	
		A0	16	1	7	- 9	5,000			CAD	112	
		LJ- 4V	2	1	2	0	2,500			CAD	112	
		HP- 4V	2	1	3	1	2,500			CAD	112	
		HL- 4011S	2	1	2	0	2,500			CAD	112	
		LCD	1024*768	4	1	3	- 1		8,000		CAD	112
			A3	4	1	3	- 1		2,000		CAD	112
		CD	SCSI- 2	2	1	2	0				CAD	112

	()		(/)				가 (:)	(:)		(:)
		953*1270	90	1	150	60	600	880/ 1,819	/	84
		717*1040	31	1	31	0	600		84	
		V - TRAC - MARC	20	1	20	0	600		84	
		PD901	1	1	1	0			84	
		9	1	1	1	0			84	
		NT - 4160	4	1	4	0	4,000		84	
		TOP - 285P	3	1	2	- 1	4,500		84	

[- 2] B

	()		()				가 (:)	(:)		(:)
	(COPY MACHINE)		1	0	1	0	4,000	1,000		50
			1	0	1	0	4,500			
	(DRAFTER)	A1 ,	1/1	0	60	+10	600			
	3		10/1	0	0	1	2,500	5,000	가	30
	V (V-BLOCK)		4/1	0	7	0	100			
			2	0	0	2	500			
	(SAWMACHINE)		1	0	1	0	16,000			
			1	0	0	1	200			
		0-25mm	4/1	0	7	0	80			
		25-50mm	4/1	0	7	0	100			
		50-75mm	8/1	0	3	1	120			

	()		(/)			가 (:)	(:)	가	(:)
		0-25mm	8/1	0	2	200	5,000	가	30
		25-50mm	8/1	0	2	220			
		5-25 mm	2/1	13	0	120			
		25-50mm	2/1	13	0	130			
		50-75mm	8/1	4	0	170			
			8/1	4	0	200			
		0.01mm	8/1	0	4	50			
		0.002mm	4/1	7	0	110			
			1	0	1	4,000			
			8/1	0	4	900			
			1/1	0	13	50			
			1	1	0	150			
			1	0	1	10,000			
			1	2	0	25,000			
			1	0	1	25,000			
			1	0	1	4,000			
		150mm	1/1	0	1	30			

()	()	(/)			(:)	(:)	(:)	(:)	
		1		0	25	1,000	5,000	가	30
	47	8/1		1	0	1,100			
	103	1		0	4	3,000			
(SINE BAR)		2		0	1	300			
(SINECENTER)		1		2	0	5,000			
(LATHE)	350-450mm	2/1		0	1	8,000			
(LEVEL)		1		6	3	200			
	#2	3		0	1	17,000			
CNC		1		3	0	70,000	5,000	가	30
CNC	350-450mm	2		1	0	50,000	5,000	가	30
		1		2	0	16,000			
	#2	1		0	1	17,000			
	6-10mm	1		0	1	200			
	10-18mm	1		0	1	220			
	18-35mm	8/1		1	0	240			
	35-60mm	8/1		4	0	260			

()		(/)			가 (:)	(:)	가	(:)
UNI-MICROMETER	0-25mm	1/1	1	3	60	5,000	가	30
	25-50mm	1/1	7	6	80			
	50-75mm	4/1	11	2	100			
	75-100mm	8/1	7	0	120			
	100-125mm	1	4	0	140			
	0-25mm	4/1	0	1	110	5,000	가	30
	25-50mm	4/1	1	6	130			
		8/1	0	4	400			
		1	1	0	400			
	(SQUARE)	8/1	4	0	150			
	0-25mm	4/1	0	7	100	2,500		30
	25-50	4/1	0	7	110			
	1	0	1	18,000				
	2/1	6	7	6,000				
150mm	2/1	1	12	30				
47	2/1	1	12	1,100				
103	1	0	1	3,000				
	1	1	0	4,000				

	()		(/)			가		(:)	(:)	(:)
						(:)	(:)			
	(SINE BAR)		2	2	0	300	2,500		30	
		300*450	2/1	0	13	400				
	(LATHE)	350-450mm	4/1	7	0	8,000				
		#2	2	0	2	17,000				
			1	0	1	16,000				
		0-25mm	2/1	13	0	60				
		25-50mm	2/1	13	0	80				
		50-75mm	4/1	1	6	100				
		75-100mm	1	1	0	120				
			1	0	1	150				
	(SQUARE)		2/1	13	0	50				
			1	0	1	18,000				
			1	1	0	40				
	(PROFILE)		1	0	1	2,500				
	V (V-BLOCK)		2/1	13	0	100	2,500		30	
			2	2	0	500				
		0-25mm	4/1	7	0	80				
	(KNIFEEDGE)		2/1	13	0	70				

()		(/)				가 (:)	(:)		(:)	
	5-25mm	4/1		7	0	120	2,500		30	
	25-50mm	4/1		7	0	130				
	50-75mm	8/1		4	0	170				
			2/1		13	0				200
		0.01mm	4/1		0	7				50
		0.01mm	2/1		13	0				100
		0.002mm	1		1	0				110
			1		0	1				1,200
			4/1		7	0				200
			1		1	0				4,000
			4/1		5	2				900
	V		2		2	0				700
			4/1		2	5				50
			1		1	0				150
			1		0	1				25,000
	(VISE)		1/1		25	0				70
		1		1	0	40				

()	()	()			(:)	(:)	(:)
V (V-BLOCK)		2	2	0	100	5,000	30
		8/1	4	0	500		
	0-25mm	3	3	0	80		
	0-25mm	3	1	2	200		
	25-50mm	2	1	1	220		
	5-25mm	4/1	7	0	120		
	25-50mm	4/1	7	0	130		
	300mm	1	1	0	400		
	0.01mm	1/1	15	10	50		
	0.01mm	8/1	4	0	100		
		1	0	1	4,000		
		1	0	1	900		
		1/1	0	25	50		
		1	0	1	4,000		
		1	1	0	40		
	150mm	1/1	0	25	30		
		1	0	1	1,000		
	47	2	0	2	1,100		

	()		(/)			가 (:)	(:)		(:)
	(LATHE)	350-450mm	1/1		25	0	8,000	5,000	30
			1		0	1	16,000		
	(LEVEL)		1		0	1	200		
		6-10mm	1		1	0	200		
		10-18mm	1		0	1	220		
		18-35	4/1		8	0	240		
		35-60	4/1		1	6	260		
		0-25mm	1/1		25	0	60		
		25-50mm	1/1		25	0	80		
		50-75mm	1/1		25	0	100		
			1		2	0	400		
			1		13	0	25		
			1		12	1	40		
	MIG		8/1		1	3	4,200	2,000	30
	TIG		8/1		1	3	3,800		
	가		1		1	0	1,600		
			1		6	5	24,000		
	(Toolgrinder)		8/1		0	4	500		

()	()			(:)	(:)	(:)	(:)
		1	0	1	7,200	2,000	30
(Drill press)		1	1	0	900		
		4	1	6	200		
		1	1	0	16,000		
(Anvil)		2	0	2	150		
		1	0	1	22,000		
(Vise)		4	1	7	70		
		1	0	1	30,000		
		4	1	0	7		
		1	0	1	10,000		
		1	0	1	3,800		
		4	1	2	5		
		2	1	13	0		
(Spotwelder)		1	0	1	4,800		
(Surface plate)		8	1	2	2		
		8	1	0	4		
		1	0	1	340		

	()		(/)			가 (:)	(:)		(:)
			8/1		0	1	120	2,000	30
		CAD/CAM	4/1		6	1	4,000		
			1		0	1	20,000		
	(Printer)		2		1	1	3,000		
			1		0	1	20,000		
		6	1		0	1	100,000		
			1		0	1	4,500		
	(Shaper)		1		1	0	20,000		
			1		0	1	4,400		

[- 3] A

	()		(/)			가 (:)	(:)		(:)	
		SW380mm	14/ 50		11	- 3	9,431	2,000	CNC	50
		#2	14/ 50		12	- 2	11,090			
		13mm	2/ 50		2	0	401			
		13mm (DUA560)	1/ 50		1	0	4,670			
		200 × 499mm	2/ 50		2	0	8,900			
		3660 × 0.95 × 25mm	1/ 50		1	0	10,175			
		1ton	1/ 50		1	0	423			
		1.5ton	1/ 50		1	0	2,029			

	()		(/)			가 (:)	(:)		(:)	
		40Khz 600V 25Kw	5/50		5	0	10,395	2,000	CNC	50
		300 × 150mm	3/50		3	0	9,600			
		200 × 400	2/50		2	0	13,666			
		0.37- 1.5KW	2/50		2	0	2,639			
		()	1/50							
()	()	600 × 85	1/50		1	0	85	1,000	CNC	50
			1/50		1	0	10,737			
		0.1- 100mm	1/50		1	0	292			
	3	500 × 300mm	1/50		1	0	43,650			
		300mm	1/50		1	0	536			
		3-7Kg 200	1/50		1	0	6,209			

	()		(/)			가 (:)	(:)		(:)	
()		300mm	1/50		1	0	1,075	1,000	CNC	50
		0.001mm	1/50		1	0	228			
		3CH	1/50		1	0	166			
			1/50		1	0	31,714			
		600 × 450 × 120	1/50		1	0	240			
			1/50		1	0				
()			2/50		2	0	9,424	1,000		50
			5/50		5	0	11,212			
			3/50		3	0	16,471			
		5HP	1/50		1	0	739			
		36	1/50		1	0	20,000			
		.	2/50		2	0	18,500			

	()		(/)			가 (:)	(:)		(:)
()	(Hb)	2000-300kg	1/50		1	0	2,895	300	50
	(HR)	250kg	1/50		1	0	2,577		
	(Hs)	C , D	1/50		1	0	2,507		
	(Hv)	1-120kg	1/50		1	0	9,660		
		36.5Kg.m	1/50		1	0	5,200		
		200 ×	1/50		1	0	10,639		
		30ton	1/50		1	0	20,922		
		3	1/50		1	0	1,583		
()		A.V.R	5/50		5	0	161	300	50
		AC/DC1-30A	5/50		5	0	175		
		AC/DC0-300V	5/50		5	0	175		
		DC-30V	5/50		5	0	197		
		3	5/50		5	0	283		

	()		(/)			가 (:)	(:)		(:)
()		20MHZ 2CH	5/50		4	0	710	300	50
	PLC	I/O 1000	4/50		2	0	2,720		
		AC 110/220	2/50		2	0	306		
		AD/DA 가	2/50		2	0	1,972		
		20W	2/50		2	0	1,174		
		20-200pps	2/50		2	0	2,071		
			28/50		28	0	1,213	500	() CAD/CAM CAD
		A3	6/50		6	0	1,200		
		A2	1/50		1	0	2,224		
			1/50		1	0	6,678		
		10KVA	1/50		1	0	1,302		
		30	1/50		1	0	3,087		
CNC	CNC	SW300mm	2/50		1	-1	43,664	1,000	CNC
	CNC	510 × 300mm	2/50		1	-1	73,000		CAD/CAM

	()		(/)			가 (:)	(:)		(:)
CNC	가	260 × 160mm	1/50		1	0	41,643	CNC CAD/CAM	50
	CNC 가	300 × 200mm	1/50		1	0	38,652		
	CNC	16bit	14/50		11	-3	3,362		
	CNC ()	SW240mm	1/50		0	-1			
	CNC ()	400 × 250mm	1/50		0	-1			
()	()	1000- 1600	1/50		1	0	4,300	300	50
	()	150- 650	1/50		1	0	4,300		
		800 × 1200	1/50		1	0			
			1/50		0	-1			
		3- 5HP	1/50		1	1	620		
		32- 300A	1/50		1	0	484		
	가		1/50		0	-1			

[- 4] A

	()		(/)				가		(:)	(:)	(:)
							(:)	(:)			
		0.3 0.8m/m	40	1	4	-36	2	100			40
		0.03 1.0m/m	20	1	3	-17	4.5				
		0.5 5m/m	40	1	8	-32	4				
		0 25m/m	20	1	1	-19	35				
		0 150m/m	20	1	10	-19	35				
		6"	10	1	10	0	0.15				
		60' 0.25 35m/m	5	1	5	0	0.8				
		0.25 35 m/m									
		PRNO 137 INCH	5	1	5	0	0.8				
		55' 4 6 INCHINCH	5	1	1	-4	4.5				

()	(/)			(:)	(:)	가 (:)	(:)	(:)
	5 25m/m	10	1	2	-8	35	100	40
	25 50m/m	10	1	2	-8	40		
	50 75m/m	10	1	1	-9	42		
	5 30M/M	10	1	5	-5	82.5		
	0.01 0.8m/m	10	1	5	-5	24		
	0.01m/m	10	1	10	0	24		
	0.001 1m/m	10	1	2	-8	26		
		10	1	5	-5	70		
	837162 pat0- 100m/mMB-B	40	1	30	-10	15.7		
	V	5 25m/m	20	1	2	-18		
	10 25m/m	20	1	1	-18	120		
	25 40m/m	20	1	2	-18	145		
V	80-50 +-0.001	10	1	1	-9	85		
		20	1	18	-2	1.7		

	()		(/)				가		(:)	(:)	(:)
		0 25m/m	40	1	9	-31	10		100		40
		25 50m/m	40	1	5	-35	20				
		50 75m/m	20	1	5	-15	24				
		75 100m/m	20	1	3	-17	26				
		100 125m/m	20	1	2	-18	28				
	V	VB-O	10	1	1	-9					
		0.02mm/1M	5	1	5	0	30				
		0 25m/m	1	1	1	0	33				
		25 50m/m	1	1	1	0	45				
	Auto colimator	topcw ac-3	1	1	1	0	4,740				
		mitutoyo 163-10precision screw	1	1	1	0	12,000				
	M/C	precision screw thread measuring machine()	1	1	1	0	1,200				

()		(/)				가		(:)	(:)	(:)
						(:)	(:)			
	mitutoyo tw 201 mitutoyo	1	1	1	0	13,969	100		40	
	digimeticcaliper	1	1	1	0	70				
	300b MODEL 304B	2	1	1	-1	14,615				
	TMT - 116	1	1	1	0	652				
	PJ 250	1	1	1	0	1,569				
		10	1	1	-9	32				
	4800*1200	1	1	1	0	180				
	0- 25m/m	10	1	2	-8	61				
	25- 50m/m	10	1	2	-8	78				
	Sin bar L=100mm	2	1	2	0	195				
	L=200mm	1	1	1	0	240				
	0- 25m/m	10	1	3	-7	140				
	25- 50m/m	10	1	2	-8	150				
	50- 75m/m	5	1	1	-4	190				

	()		(/)				가		(:)	(:)	(:)
							(:)	(:)			
	O H P	0- 25m/ m	10	1	2	- 8	174	100		40	
		25- 50m/ m	10	1	2	- 8	21				
		0.17- 3.00	10	1	1	- 9	541				
		VK- M	5	1	1	- 4	1,450				
			5	1	1	- 4	550				
		150*150mm	5	1	1	- 4	160				
		3M 9200	5	1	1	- 4	450				
		300*300m	5	1	1	- 4	55				
		0- 0.5m/ m	10	1	6	- 4	53				
			10	1	2	- 8	70				
		150m/ m	5	1	5		99				
		300m/ m	5	1	2	- 3	70				
		300m/ m	5	1	1	- 4	536				
		surfcom 300b modelcode340B	1	1	1	0	95				
		NT - 40	1	1	1	0	500				
		NO 6	1	1	1	0	550				
		NT 40	1	1	1	0	550				

	()		(/)			가 (:)	(:)	(:)	
		103NO70975 16- 968	1	1	1	0	650	100	40
		32	1	1	3	0	370		
		178ma - 7.0m/m	5	1	5	0	2		
		178mb:1	1	1	1	0	25		
		178mc:1	1	1	1	0	25		
		150m/m	40	1	24	- 16	95		
		200m/m	40	1	12	- 28	193		
		300m/m	30	1	5	- 25	320		
	V	25m/m	2	1	2	0	55		
			5	1	2	- 3	9		
		10- 18m/m	2	1	2	0	41		
		18- 35m/m	5	1	5	0	41		
		35- 60m/m	5	1	5	0	41		
		riken rb- 1	1	1	1	0	1,760		
		L=100m/m	1	1	1	0	35		
		L=500m/m	2	1	2	0	85		

()	()	()	()		()	가 (:)	(:)	(:)
	60'(+)	20	1	10	- 10	0.45	100	40
	∅ 200- 500	1	1	1	0	9.5		
	7- 10m/ m	1	1	1	0	265		
	10- 18m/ m	1	1	1	0	265		
	18- 35m/ m	1	1	1	0	265		
	35- 60m/ m	1	1	1	0	265		
()	0- 25m/ m	1	1	1	0	1,150		
	25- 50m/ m	1	1	1	0	1,150		
	50- 75m/ m	1	1	1	0	1,150		
	MP	2	1	2	0	95		
	300m/ m	10	1	10	0	32		
	VC- 416	1	1	1	0	124		
	4*0.7	1	1	1	0	20		
		40	1	40	0	3		
	OPTICAL FLAT	1	1	1	0	65		
		1	1	1	0	800		

	()		(/)				가 (:)	(:)		(:)
	()	9 4	10	9		- 1	350	50		40
			10	1	5	- 5	7.7			
	가	1 1/2HP80-20 L 0.4kw	1	1	1	0	31,415			
	()	150kg	5	1	4	- 1	82			
		100mm	20	1	20	0	1.75			
		300*300*80	2	1	2	0	55			
		가 1 , S.H,G	10	1	7	- 3	21			
	가		20	1	15	- 5	12			
		40*30*15	10	1	5	- 5	8.5			
		20*20*10	10	1	5	- 5	6			
		8	20	8	10	- 10	18			
		1HP	2	1	1	- 1	290			
		45*35*10	20	1	10	- 10	4.8			
		GK - B	1	1	1	0	10,650			
		G - 2	1	1	1	0	11,565.2			

	()		(/)				가		(:)	(:)	(:)
							(:)	(:)			
		DPT - 7B	1	1	1	0	6,338.5	30		30	
	가	MEXA - 3244	1	1	1	0	3,000				
			1	1	1	0					
			1	1	1	0					
		500kg/cm	1	1	1	0	200				
	가		1	1	1	0	550				
		4*7	4	1	1	-3					
7			2	1	1	0	198	50		30	
		ew - 12052b	2	1	1	-1	214.5				
		小	1	1	1	0	200				
		大	1	1	1	0	600				
		20kv/ 10A	3	1	2	-1	760				
			1	1	1	0	4,700				
		AW - 300	9	1	2	-7	374				
		SH - 40	1	1	3	0	302				
		LION - ARC	1	1	1	0					
		HK - A1	1	1	1	0	374				

()		(/)				(:)	가 (:)	(:)	(:)
	AW - 00	1	1	1	0	330	50	30	
	,	1	1	4	0				
	MIG SM350	1	1	1	0	2,500			
	TAWEL(CHINA) 972	1	1	1	0	600			
	13m/m	2	1	1	- 1	330			
	GY - 60	2	1	1	- 1	120			
	KDBS - 400A	1	1	1	0	12,000			
()	KDBS - 320	1	1	1	0	8,712			
	HC - 14A	1	1	1	0	126.5			
	50kg	2	1	2	0	45			
	1HP	1	1	1	0	95			
	47L	1	1	1	0	148.5			
	300*300	5	1	4	- 1	49.5			
	600*450	1	1	1	0	55			
	6"	40	1	20	- 20	27			
	800*800*1600	20	1	20	0	40			

()	()	(/)			(:)	가 (:)	(:)	(:)
()	KDM- 101()	1	1	1	0	1400	10	40
	,OLIMPUS204206(MG)	5	1	1	-4	1800		
	KDU- 50(RUDEH)	1	1	1	0	56,000		
		40	1	40	0	3		
	1000C FHI	1	1	1	0	350		
	KDM- 101	1	1	1	0	880		
	KDI- 300	1	1	1	0	1,650		
	KDF- 10	1	1	1	0	1,800		
	KTM- 50	1	1	1	0	19,705		
	TYPE- M	1	1	1	0	2,092		
	HY- D315	1	1	1	0	650		
	CRL- 3000	1	1	1	0	12,276		
	1260- 102	1	1	1	0	2,707		
		1	1	1	0	4,500		
BENCH CENTER	010- 11- 12A- 52936	1	1	1	0	1,760		
	HJ- 835(kgf)	1	1	1	0	4,070		

	()		(/)				가 (:)	(:)		(:)
		EX- 220 ,220kvp, 5mA × 1	1	1	1	0	8,120	10		40
		OAT - U	1	1	1	0	8,500			
	()	SK- 710	3	1	1	- 2	4,620	100		40
		JRD- 1100D9 ()	3	1	1	- 2	7,260			
		JDS- 2S	2	1	1	- 1	15,000			
		MZ- 88G	3	1	1	- 2	8,988			
		KIA MT - SEIKI	3	1	1	- 2	8,806			
		JONES - SHIPMAN MODEL- 1300	3	1	1	- 2	9,000			
		WGS- 52	3	1	1	- 2	18,150			
		KYV - 360	10	1	2	- 8	150			
	(LATHE)	WL- 380B	4	1	4	0	4,290			
		HL380*750	7	1	7	0	7,920			
		NSL400- 750	2	1	2	0	3,800			
		820T	27	1	1	- 26	25,110			

	()		(/)				가 (:)	(:)		(:)
		3/4HP ,	2	1	1	- 1	38	100		40
		SGP-SHBSP32								
		3/4hp	5	1	4	- 1	198			
		1- 8- 1058	2	1	1	- 1	150			
		SKG 180 大	3	1	2	- 1	120			
		SKG 180 小	2	1	1	- 1	120			
		1/2HP	2	1	1	- 1	150			
		() KMC 7700	2	1	1	- 1	6,350			
		NSM-HU	2	1	1	- 1	9,130			
		8600	2	1	1	- 1	9,680			
		8600A	2	1	1	- 1	9,680			

()	()	()	()			(:)	(:)	(:)
REYNOLD		1	1	1	0	620	20	30
	200KG	1	1	1	0	5.8		
	RA-SER270(electric drill press Model 300)	1	1	1	0	1,900		
	WD-3SFGP-S mc	1	1	1	0	1,800		
	PT 450	1	1	1	0	20		
	TOO 304- 2:2, TOE 304- 2:2	1	1	1	0	80		
	TAN 107	1	1	1	0	200		
	BTP- 290 GTE	1	1	1	0	1,200		
	- 1(5k- 32A, 5k- 25A)	1	1	1	0	20		
	2HP 202	1	1	1	0	517		
	200KG/ CM	1	1	1	0	450		

	()		(/)				가 (:)	(:)		(:)
		DM5G1.2	1	1	1	0	263	10		30
		0-400()	1	1	1	0	30			
		YKD-360	2	1	1	-1	330			
		GY-360	2	1	2	0	330			
		KYV-360	1	1	1	0	150			
		300*300	1	1	1	0	495			
		600*450	2	1	1	-1	550			
	()	100kg	2	1	2	0				
		150kg	5	1	5	0				
		100V	12	1	12	0	2.9			
		3A-111	1	1	1	0				
		6"	25	1	24	-1				
		800*800*1600	20	1	20	0				
CAD/	AVR	220/110 7.5KVA	1	1	1	0	1,672	100	CAD CNC CAM	CAD -40
		HP650C	1	1	1	0	7,425			
CAM		VC-415S	1	1	1	0	124			
		BVS12, .50L ,1200W	1	1	1	0				

	()		(/)			가 (:)	(:)		(:)		
CAD/ CAM		3M 180*180	1	1	1	0	220	100	CAD CNC	CAD - 40 CAM - 20	
	Lathe	SHARP OA-75	2	1	1	0	1,950				
		PRO-6 NC 5T30002	4	1	4	0	38,500				
		486DX-66Mhz/ RAM 8MB/ HDD 400M/ 14"	15	1	15	0	1584		CAM		
		586DX-75Mhz, RAM 16M, HDD 850M, 14"	1	1	1	0					
		586DX-120Mhz, RAM 16M, HDD 1.2G, 14"	23	1	23	0					
		586-166Mhz, RAM 32M, HDD 2.5G, LG 16X CD ROM, 17"	7	1	4	-3					
		CNC Milling Clilling MCO	DM-2200	1	1	1	0		12,540		
			Junior V-10	1	1	1	0				
			Sentrol	1	1	7	0				
	OHP	3M 920	1	1	1	0	495				

	()		(/)				가 (:)	(:)		(:)
CAD/ CAM		4800*1200(.1200*12 00)	1	1	1	0	190	100	CAD CNC	CAD -40
			1	1	1	0	165			
		SHARP XGSV1A	1	1	1	0				CAM -20

[- 5] A

()	(/)					가 (:)	(:)		(:)
()	32 bit	45	1	45	0	2,000	6,000	EXCEL POWERPOINT POWERPOINT dBASE	30
	A3	5	1	1	4	2,000			
	A3	1	1	1	0	3,000			
		1	0	0	1	3,000			
		1	0	0	1	150			
		1	0	0	1	600			
	600dpi 8.5*14	1	1	1	0	3,000			
CD-ROM		1	1	1	0	2,500			
X-Y		1	0	0	1	1,500			
		1	0	0	1	400			
		1	0	0	1	2,000			
SERVER		1	0	0	1	2,500			
		1	1	1	0	2,500			

	()		(/)				가 (:)	(:)		(:)
	OMR		1	0	0	1	2,500	6,000	EXCEL POWERPOINT WORD	30
			1	0	0	1	400			
	LAN	,	1	1	1	0	13,500			
	X-SERVER		1	1	1	0	4,000			
	(AVR)	20KVA	1	1	1	0	2,500			
		30	1	0	0	1	4,000			
		1	1	0	0	1	8,000			
		100*75*96	45	45	45	0	200				INTERNET
	()		45	1	45	0	3,000	6,000	EXCELL POWERPOINT WORD dBASE	30
	()	()	2	1	2	0	3,500			
	VOD server	200	1	1	1	0	28,000			
	LAN Card	16bit	50	1	50	0	50			
		24port	2	1	1	0	3,500			
	TV	33''	1	1	1	0	2,300			
	VCR	6	1	1	1	0	800			
		8port	2	1	5	0	450			

()		(/)				가 (:)	(:)		(:)
	A3	5	1	1	4	10,000	6,000	INTERNET EXCELL POWERPOINT WORD dBASE	30
	A3	1	1	1	0	3,000			
		1	0	0	1	800			
	600dpi 8.5*14	1	1	1	0	3,000			
MPEG	MPEG-2	1	1	1	0	3,000			
CD-ROM	650MB	1	1	1	0	2,500			
		1	1	1	0	20,000			
	24-35M	1	1	1	0	700			
	24 200M	1	1	1	0	1,200			
	80W	1	1	1	0	600			
	41	1	1	1	0	2,000			
	CD	2	1	1	0	1000			
		1	1	1	0	400			
		1	1	1	0	2,700			
	1	1	1	1	0	8,000			
LAN	1.5	1	1	1	0	3,000			

	()		(/)			가 (:)		(:)		(:)
	(AVR)	20KVA	1	1	1	0	2,500			30
		30	1	1	1	0	4,000			
	(POS)		1	0	0	1	6,000	6,000	WORD EXCELL POWERPOINT dBASE	30
			2	0	0	2	500			
			2	0	0	2	1,500			
		A3	1	1	1	1	3,500			
			1	0	0	1	350			
		600dpi 8.5*14	1	0	0	1	3,000			
			1	0	0	1	400			
	(TELEX)		1	0	0	1	2,000			
			2	0	0	2	400			
			45	1	5	40	200			
			1	1	1	0	100			
			1	0	0	1	300			
			45	3	45	0	2,000			
		A3	5	1	1	4	2,000			

	()		(/)				가 (:)	(:)		(:)
			1	1	1	0	20,000	6,000	WORD EXCELL POWERPOINT dBASE	30
			1	1	1	0	100			
			3	1	3	0	80			
			3	1	3	0	100			
		20KVA	1	1	1	0	2,500			
		30	1	0	0	1	4,000			
		1	1	0	0	1	8,000			
		100*75*96	45	1	45	0	200			
		32BIT	45	1	45	0	1,000	6,000	WORD EXCELL POWERPOINT dBASE	30
		A4/B4	5	2	2	3	2,000			
		A3	1	0	0	1	3,000			
			1	0	0	1	3,000			
			1	0	0	1	6,000			
			2	0	0	2	400			
			1	1	1	0	20,000			
			2	1	1	1	200			
		600dpi 8.5*14	1	1	1	0	3,000			
			2	1	1	0	1,500			

	()		(/)				가	(:)	(:)		(:)
							(:)				
			2	0	0	1	2,000	6,000	WORD EXCELL POWERPOINT dBASE	30	
			2	1	2	0	3,500				
			5	1	1	4	350				
			1	1	1	0	1,000				
			1	1	1	0	150				
			1	1	1	0	100				
			1	0	0	1	600				
			1	0	0	1	2,000				
	20KVA		1	1	1	0	2,500				
	30 TKD		1	1	1	0	4,000				
	30		1	0	0	1	8,000				
	200W		1	1	1	0	200				
	100*75*96		45	1	45	0	200				

[- 6] B

	()		(/)				가 (:)	(:)		(:)
		P - MMX233	50	1	50	0	1 (1,200,000) 22888	OA	30	
		P - II266	2	1	2	0				
		P - II400*2	1	1	1	0				
	P/G		1	1	1	0				
			1	0	1	0				
	P/G			0	0	0				
		24port (*Intel)		1	3	0				
		10/ 100(Intel)	52	1	52	0				
		A3	1	1	1	0				
		A4	1	1	1	0				
	CD- ROM	4/ 12	1	1	1	0				

()	()	()			(:)	(:)	가	(:)	(:)
	A4()	2	1	2	0				30
LCD	1200ANSI	1	1	1	0				
	120"	1	1	1	0				
VCR	8,16mm	1	1	1	0				
	VHS,48	1	1	1	0				
	35 4M	1	1	1	0				
	180	1	1	1	0				
	8 NTSC	1	1	1	0				
		1	1	1	0				
MPEG		1	1	1	0				
UPS	MPEG I ,	1	1	1	0				
	1KVA,12	1	1	1	0				
	18"	1	1	1	0				
		1	1	1	0				
		25	1	25	0				

	()		(/)				가 (:)	(:)		(:)
		2	50	1	50	0				
			1	1	1	0				
I		P - MMX233	25	1	50	+25			OA	30
		P - II266	1	1	1	0				
			1	1	1	0				
	LCD	1200ANSI	1	1	1	0				
		120"	1	1	1	0				
			2	1	1	-1				
		A4()	2	1	1	-1				
		A4	2	1	1	-1				
II		P - MMX233,166	25	1	50	+25			OA	30
		P - II266	1	1	1	0				
			1	1	1	0				
	LCD	1200ANSI	1	1	1	0				
		120"	1	1	1	0				
		A4()	2	1	1	-1				
		A4	0	1	3	0				

	()		(/)				가 (:)	(:)		(:)
I		386, 486, 586	25	1	46	+21			OA	30
		486DX2	1	1	1	0				
		24		1	2	0				
	OHP LCD			1	1	0				
	()			1	1	0				
II		486	25	1	15	- 10			OA	30
		,	1	1	2	+1				
	OHP LCD			1	1	0				
				1	1	0				

[- 7] A

	()		(/)				가			(:)
							(:)	(:)		
		LP 301CA	1	1	1	0	5,268	520	UNIX DB-ORACLE	40
		Pentium- 120	40	1	40	0	2,070	200		
		QNIX 200	1	1	1	0	550	50		
		XG-SV1A	1	1	1	0	1,500	100		
VTR		LV-677	1	1	1	0	443	40		
		SyncMaster	40	1	40	0	825	80		
		OER 18	1	1	1	0	300	30		
		Magic Jet	10	1	10	0	250	20		
		Pentium- 100	10	1	10	0	1,800	180		
		LQ- 1570H	1	1	1	0	1,000	100		
		68H	1	1	1	0	890	80		

()		(/)				가		(:)	(:)	(:)
	HP5 STMX	1	1	1	0	4,900	400	UNIX SERVER	40	
U.P.S	3 KVA	1	1	1	0	3,000	300			
	HP-4C	1	1	1	0	840	80			
CD-ROM writer	2	1	1	1	0	1,155	120			
Zip driver	100M	1	1	1	0	242	20			
		1	1	1	0	410	40			
A.V.R	30 KVA	1	1	1	0	4,000	400			SERVER
Host Computer	SUN 1000E	1	1	1	0	107,400	1,000			
	GHC- 124KF	1	1	1	0	3,000	300			
WORKSTATION	SUN ULTLA 140	1	1	1	0	8,000	800			
	Deskjet 660K	1	1	1	0	495	50			
	QNIX 100	1	1	1	0	480	50			
	SUPER 3000	1	1	1	0	2,640	200			

()		(/)				가		(:)	(:)	(:)
						(:)	(:)			
	HP- 505K	1	1	1	0	430	40			40
A.V.R	20 KVA	1	1	1	0	2,310	200			
U.P.S	1 KVA	1	1	1	0	1,500	150			
O.H.P	M 9550	1	1	1	0	750	70			
	240*180	1	1	1	0	1,000	100			
	HP- 4C	1	1	1	0	820	80			
Plotter	A3	1	1	1	0	1,320	130			
CD-ROM writer	MP- 6200S	1	1	1	0	770	80			
Toolbook	V 4.0	1	1	1	0	5,201	500			
CCD	WV- CD410	1	1	1	0	1,500	150			
V.T.R	LV- 677	1	1	1	0	443	40			
V.T.R	LV- S 1000	1	1	1	0	606	60			
	XG- SV 1A	1	1	1	0	1,500	150			
	LP- 301CA	1	1	1	0	2,634	260			
	Pentium- 150	40	1	40	0	2,070	200			

()	(/)					가		(:)	(:)	(:)
						(:)	(:)			
	Pentium- 166	1	1	1	0	1,534	150	C	40	
WORKSTATION	COMPAQ PW5000	1	1	1	0	9,293	920			
WORKSTATION	TD 425-DT	1	1	1	0	19,630	2,000			
WORKSTATION	SUN ULTLA 140	1	1	1	0	8,000	800			
A.V.R	10 KVA	1	1	1	0	2,500	250			
	Magic Jet	10	1	10	0	250	30			
VTR	LV- 677	1	1	1	0	443	40			
	LP- 251CA	1	1	1	0	2,343	230			
	RE 1818	1	1	1	0	400	40			
	SQ- 5- 2570	1	1	1	0	980	90			
Over Head Projector	M2150	1	1	1	0	650	60			
	Magic Jet	10	1	10	0	250	30			
	586DX(14")	40	1	40	0	1,850	180			
	SLB- 3150V	1	1	1	0	800	80			

[- 8] A

	()		(/)				가 (:)	(:)		(:)
			1	0	0	-1	5,000			20
			1	0	0	-1	2,500			
	,		1	0	0	-1	5,000			
	,		1	0	0	-1	4,500			
	5		1	1	1	0	2,000			
	5		1	0	0	-1	5,000			
	5		1	1	1	0	600			
	CO ₂ 가	0-5000pp	1	0	0	-1	2,000			
			1	0	0	-1	18,000			20
			1	0	0	-1	2,000			

()	()	()		()	(:)	(:)	(:)
	W/m ²	1	0	0	-1	810	20
	MJ	1	0	0	-1	286	
CO ₂	lppm	1	0	0	-1	2,000	
		1	0	0	-1	1,260	
		1	0	0	-1	2,000	
	24	1	0	0	-1	300	
		1	0	0	-1	800	
	0-30	1	1	1	0	300	
	0-30	1	1	1	0	1,500		20
		1	1	1	0	1,500	
	6HP	1	1	1	0	2,000	
		1	1	1	0	500	
	5Kcal	1	1	1	0	8,000	
		1	0	0	-1	2,300	20
		1	0	0	-1	12,000	
	686	1	0	0	-1	1,500	
	32"	1	0	0	-1	2,000	
		1	0	0	-1	600	

	()		()				가 (:)	(:)		(:)
			1	1	1	0	16,500	1,500		20
	7		1	1	1	0	70,000			
			1	0	0	-1	30,000			20
			1	1	1	0	5,000			
			1	1	1	0	6,200			
			1	0	0	-1	800			
			1	1	1	0	12,000			
			1	1	1	0	1,500			
	32"		1	1	1	0	2,000			
			1	1	0	0	600			
			2	2	2	0	400	700		20
			1	1	1	0	1,500			
			1	1	1	0	500			
			5	2	2	-3	1,200			
			1	1	1	0	200			
			2	0	0	-2	300			

	()		()			가 (:)	(:)		(:)
			1	0	0	- 1	1,500	700	20
			1	1	1	0	150		
			1	1	1	0	1,500		
			1	1	1	0	700		
			1	0	0	- 1	200		
	PH		1	1	1	0	1,000		
			1	1	1	0	30		
			3	3	3	0	150		
			1	0	0	- 1	500		
			1	0	0	- 1	2,000		
			1	0	0	- 1	1,500		
			1	0	0	- 1	1,500		
			1	0	0	- 1	600		
			1/40	1	1	0	1,500			500	20
			1/40	1	1	0	1,500		
	TV	32"	1/40	1	1	0	2,000		
			50/50	1	50	+10	600		
			1/40	1	1	0	100		

()	()	()			(:)	가 (:)	(:)	(:)	
			5	0	0	0	100	1,000	20
			6	0	0	0	55		
	311g		1	0	0	0	50		
			1	0	0	0	717		
			1	0	0	0	500		
	0.01- 14g		1	0	0	0	780		
	8ps		1	0	0	0	990		
	2		1	0	0	0	400		
			2	0	0	0	100		
	13mm		1	0	0	0	100		
	2ton		2	0	0	0	990		
			3	0	0	0	50		
	902.16"		2	0	0	0	100		
			1	0	0	0	200		
	15		2	0	0	0	300		
			1	0	0	0	1,300		
			1	0	0	0	700		
	TF		1	0	0	0	80		

	()		(/)				가	(:)	(:)		(:)
							(:)				(:)
		22, HF750	1	0	0	0	300	1,000			20
		60-80kg	2	0	0	0	400				
		52cc	1	0	0	0	300				
	()	2.6Hp	1	0	0	0	600				
		8Hp 5-100m/m	1	0	0	0	1,900				
		2Hp 8 40cm	1	0	0	0	400				
		40cm	1	0	0	0	105				
			1	0	0	0	1,500				
			1	0	0	0	600				
			1	0	0	0	1,500				
	TV	42"	1	0	0	0	2,000				

[- 9] A

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1,000,000

()	()	(/)			(:)	(:)	(:)
()	220V,400W ,Amb+5 C- 60 C	3	1	3	0	512,450	20
	20X- 40X, ,115V	9	1	10	2	296,570	20
	40X- 1500X,6V- 20W,1 0X(2) 15X(2)	1	1	1	0	2,454,740	20
	220V, 7A, 1.4kW, 17000rpm,0- 60min	1	1	2	0	5,164,100	20
	110V, 5A, 500W, - 10 C- 80 C	2	1	3	0	1,112,840	20
	450 × 350 × 240mm,Amb +5 C- 60 C	2	1	1	0	360,000	20

()		(/)				가 (:)	(:)	(:)
	1340 x 870 x 1930(H)mm	2	1	2	0	286,000		20
	65 x 75 x 150(H)mm	2	1	1	0	2,090,000		
	50 x 50 x 95(H)mm	1	1	1	0	1,540,000		
Colony Counter	110mm(Lens)	1	1	1	0	132,000		
		1	1	1	0	412,500		
		1	1	1	0	1,501,000		20
	5	1	1	1	0	5,489,000		
		1	1	1	0	1,567,000		20
		3	1	4	0	660,000		20
	38.2 x 34 x 43cm	1	1	1	0	7,700,000		20
		1	1	1	0	2,915,000		20
	500 x 500 x 500	5	1	2	0	6,732,000		
(586)		5	3	10	0	1,218,000		20
	F 1.4 1.8	1	1	1	0	1,650,000		20

()	(/)				(:)	가	(:)	(:)	(:)
E.C Meter	0 10msRange	2	1	2	0	523,000			20
	0 199999 lux	1	1	1	0	376,000			20
	0 92%	4	1	1	0	146,000			20
		1	1	1	0	1,683,000			20
		1	1	1	0	341,000			
	486DX2, 66MHz	5	1	1	0	1,940,000			20
	110/ 220V,60Hz, 92W 48cm	2	2	2	0	980,000			20
()		1	1	1	0	4,268,000			20
CO	100Mℓ	1	1	1	0	142,460		CO2	20
		1	1	1	0	1,540,000			20
	PF0.5 2.6	6	1	6	0	176,000			20
	5600KK	2	2	2	0	600,000			20

()		(/)				가 (:)	(:)		(:)
	3KVA	6	1	6	0	132,000			20
	20g	2	1	2	0	550,000			20
		1	1	1	0	6,930,000			20
	19 × 12	1	1	1	0	192,000			20
		1	1	1	0	1,063,000			20
Over head Projecter	290m/m	1	1	1	0	480,000			20
	59cm, 6	1	1	1	0	870,000			20
		1	3	3	0	550,000			20
		1	3	3	0	330,000			20
	110V/ 100W, H380mm,10kg	1	1	2	0	5,200,000			20
()	(In)50 × 50 × 28cm, 4200m,5c - 50 c	1	1	2	0	4,101,380			20

()	(/)			(:)	(:)	가	(:)	(:)
	220V, 7A, 1.7kW, Amb+10 C-250 C	3	1	1	1	763,670		20
	110V, 4.5A, 900W, 20-500rpm	1	1	1	0	713,670		20
	110V, 5A, 500W	1	1	1	0	2,310,000		
	20ul, 200ul 5000ul,110V, 10W	4	4	4	0	576,700		20
		3	1	3	0	253,000		20
		1	1	1	0	269,000		
	7kW	2	2	2	0	107,800		
PH Meter	PH:0- 14.9V.DC (4mA)	3	3	3	0	660,000		
	160W, 150 × 850 × 1870	5	1	5	0	2,178,000		
	20X, 40X	6	1	6	0	528,000		
	Digital	1	1	1	0	1,540,000		

()	()	()				(:)	가	(:)	(:)	(:)
.	3.4kW, 220V, 60Hz, 1PH, 59A	2	1	2	0	2,500,000				20
()	:- 15 +50 , 0- 100%	1	1	2	0	374,000				20
	12L/H, 220V 9kWH	1	2	2	0	385,000				20
	rpm2000, 320 C, 220V, 800W	3	1	3	0	123,420				20
	455 , 51kWh, 110/220V	2	1	2	0	690,000				20
	110/220V, 1400W, 20A	1	1	1	0	425,000				20
	20	1	1	1	0	913,000				20
		1	1	1	0	1,100,000				20
	200W ,470 × 630 × 1700m/ m	1	1	1	0	1,800,000				20

	()		(/)				가		(:)	(:)	(:)
							(:)	(:)			
			1	1	1	0	1,985,500				20
		1800W ,375 × 375 × 75m/ m	1	1	1	0	270,000				20
			1	1	1	0	260,000				20
		1HP	1	1	1	0	165,000				20
	()	5rp,1800rpm	1	1	1	0	870,400				20
	10	()	1	1	1	0	2,250,000				
			1	1	1	0	1,210,000				20
		0.1kg 1kg,	1	1	1	0	357,500				20
		21 "/36inch cut	1	1	1	0	308,000				20
		- 15 +50	1	1	1	0	429,000				20

[- 10] A

()		(/)				가 (:)	(:)		(:)
		30	2	15	- 15	30			
CAD SYSTEM		2	1	1	- 1	34,000			
가		6 1	1	5	- 4	30			
	가	2 1	1	25	0	500			
		1	0	1	0	770			
		1	0	0	- 1	400			
	38	1	0	0	- 1	3,000		10%	CAD
		1	0	0	- 1	1,500	(		30
가		1 1	1	25	- 25	45)		(
	5 1	6 1	5	5	- 4	25			50-54
	3 1	1 1	3	50	0	10			1
		1	0	0	- 1	250)
		1	0	0	- 1	1,500			
		6 1	1	9	0	500			

()		(/)				가 (:)	(:)	(:)	
		4	2	5	+1	120	(10% ,)	30 (50- 54 1)	
		1	1	1	0	250			
		3	1	4	+1	1,500			
		6	1	1	15	0			30
		1	1	2	+1	2,000			
		1	1	1	0	4,000			
		1	1	1	54	0			650
		4	1	4	0	100			
		6	1	1	9	0			50
		6	1	1	2	-7			30
		6	1	1	2	-7			500
		1	0	1	0	600			
		1	0	0	-1	1,500			
		1	0	0	-1	3,000			
	38	1	0	0	-1	250			
	II	1	0	0	-1	1,500			

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	()		(/)				가	(:)		(:)
							(:)			
	가	HI- 1140- SU	10	1	10	0	27,500	3,000		20
		1100 × 1400	1	1	1	0	1,550,000			
			10	1	10	0	18,150			
			1	1	1	0	2,800,000			
		大- 2, 小- 4	10	1	10	- 4	大- 80,000 小- 45,000			
		1140 × 100 × 650	1	1	1	0	495,000			
		677.MS.77SET	3	1	3	0	110,000	1,100		30
		,	2	1	1	0	136,000() 65,000()			

()		(/)				가 (:)	(:)		(:)
O·H·P	KODAK	1	1	1	0	565,000	1,100	Designer	30
	900 × 600	5	1	5	0	143,000			
	ZL-4	1	1	1	0	450,000			
	5600-1 ,	1	1	1	0	605,000			
	1800, 1	1	1	1	0	288,750			
	DP30	2	1	2	0	1,750,000			
SLIDING GAUGE	JX-777	1	1	1	0	7,047,272	4,500	, ,	30
	MARTIN	1	1	1	0	2,200,000			
		10	1	10	-2	25,000			
	CNR-2842	1	1	1	0	4,500,000			
	GHV-4900C	1	1	1	0	715,000			
		1	1	1	0	500,000			
		40	1	40	+1	370,000			
		2		2	0	1,195,000			

	()		(/)				가 (:)	(:)		(:)
P/C		NUMONICS 36 × 48	1	1	1	0	4,400,000	1,400	CAD	20
		KODAKDC50	1	1	1	0	1,000,000			
		302	1	1	1	0	1,100,000			
		20	2	1	2	+1	75,000			
		EPSON					2,145,000			
		GT - 9500	1	1	1	0	650,000			
	HD	180 × 180	1	1	1	0	132,000			
		MAC 1GB	5	1	5	0	300,000			
		SQ- 2550H	1	1	1	+1	850,000			
			1	1	1	0	440,000			
	STYLUS 1500	1	1	1	0	750,000				

	()		(/)			가		(:)	(:)	(:)
P/C	PC	386SXM	1	1	1	0	1,100,000	1,400	CAD	20
		POWER MAC 7600	40	1	40	0	3,025,000			
		586	1	1	1	0	2,000,000			
	S/W	586(S520)	1	1	1	0	2,350,000			
		PHOTOSHOP	40	1	40	0	858,000			
		PADSYSTEM	40	1	40	- 10	2,100,000			
	ZIP DRIVE	MODACADWEAVELL	1	1	1	1	9,900,000			
		100MB WIN	3	1	3	0	150,000			
	15 "	40	1	55	+20	214,000	3,500		30	
	16 "		1	5	0	220,000				
	ASH- 1- 11	10	1	10	0	15,950				
	180 × 110 × 86	2	1	2	0	50,000				

	()		()				가	(:)	(:)	(:)
							(:)			
		KH- 840	40	1	11	0	44,000	3,500		30
		KH- 830		1	14	-3	33,000			
		KH- 868		1	12	0	850,000			
		KH- 940	1	1	1	0	1,650,000			
		KH- 260	1	1	1	0	720,000			
			1	1	1	0	185,000			
가		Super galaxie	10	1		-5	2,079,000	600		30
		NaniltionBeach	5	1	5	-2	500,000			
		DB 755	40	1	40	+3	370,000			
		가 L5201	3	1	3	0	1,195,000			
		LZ2H272.B861	10	1	10	-5	770,000			
		DB2- B755	10	1	1	-1	370,000	2,000		30
		LH4- B816	1	1	1	0	3,000,000			

	()		(/)				가 (:)	(:)		(:)
	PAXISCOPE 650		1	1	1	0	215,000	1,000	()	20
	AFM		1	1	1	0	330,000			
	4600		1	1	1	0	320,000			
HALL	TV	3399PA	1	1	1	0	1,700,000	100	()	20
	VTR	LU565	1	1	1	0	400,000			

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	()		(/)				가			(:)
							(:)	(:)		
			3	1	3	0	77	0		25
4	가		1	1	0	-1	5,000	0		
2	가		1	1	0	-1	2,000	0		
4	2500CC		2	1	1	-1	3,000	0		
4	가 1800CC		5	1	2	-3	300	0		
			1	1	1	0	5	0		25
			4	1	4	0	203	0		
			2	1	2	0	3	0		

	()		(/)				가			(:)
							(:)	(:)		
			2	1	2	0	250	0		25
			2	1	2	0	54	0		
			1	1	1	0	143	0		
	()		1	1	1	0	148	0		
			2	1	2	0	200	0		
			4	1	4	0	270	0		25
			1	1	1	0	105	0		
			1	1	1	0	60	0		
			2	1	2	0	100	0		
			1	1	1	0	690	0		
			1	1	1	0	189	0		25
			1	1	1	0	450	0		
			1	1	1	0	1,000	0		

	()		(/)			가			(:)
						(:)	(:)		
			1	1	1	0	650	0	25
			1	1	1	0	1,050	0	
	CO,HC가 0- 10%		1	1	1	0	2,550	0	
	()		1	1	1	0	165	0	
			1	1	1	0	750	0	
			2	1	2	0	320	0	
			1	1	1	0	130	0	
	24OPS		1	1	1	0	21,540	0	
			1	1	1	0	2,340	0	25
			30	1	0	- 30	467	0	25
			1	1	0	- 1	4,500	0	25

	()		(/)				가			(:)
							(:)	(:)		
			1	1	0	- 1	2,500	0		25
			1	1	0	- 1	2,500	0		
			4	1	0	- 4	1,250	0		25
			1	1	0	- 1	35,000	0		
			1	1	0	- 1	20,000	0		
			1	1	0	- 1	4,000	0		
			1	1	0	- 1	2,500	0		25
			1	1	0	- 1	1,500	0		
			1	1	0	- 1	4,500	0		25

()		(/)				,7t (:)	(:)		(:)
		1	1	0	-1	1,200	0		25
12V		1	1	0	-1	1,600	0		
13		2	1	0	-2	750	0		
2TON		1	1	0	-1	1,500	0		
400- 1800KG		2	1	0	-2	300	0		
400- 2800KG		1	1	0	-1	3,300	0		
200A		1	1	0	-1	2,500	0		
0- 600		1	1	0	-1	800	0		
		1	1	0	-1	1,300	0		
DC12V,200M		1	1	0	-1	2,200	0		

	()		(/)				가			(:)
							(:)	(:)		
			1	1	0	-1	600	0		25
			1	1	0	-1	800	0		
			1	1	0	-1	1,700	0		
			1	1	0	-1	700	0		
			4	1	0	-4	40	0		
			1	1	0	-1	1,400	0		
			1	1	0	-1	800	0		
			1	1	0	-1	5,000	0		
			1	1	0	-1	800	0		
			1	1	0	-1	25,000	0		
			1	1	0	-1	1,000	0		
	NOX		1	1	0	-1	1,800	0		

	()		(/)				가			(:)
							(:)	(:)		
			2	1	1	- 1	50	0		25
			1	1	1	0	2,770	0		
			2	1	2	0	1,885	0		
			2	1	0	- 2	500	0		
			25	1	21	- 4	6,060	0		
			1	1	1	0	100	0		
			2	1	1	- 1	160	0		
			1	1	1	0	187	0		
			1	1	1	0	1,100	0		
			1	1	1	0	14,000	0		
			1	1	1	0	11,800	0		

	()		(/)				가			(:)
							(:)	(:)		
			2	1	2	0	2,860	0		25
	CNC		1	1	0	- 1	40,000	0		
			10	1	0	- 10	5,000	0		
			1	1	0	- 1	90,000	0		
			1	1	0	- 1	10,000	0		
			1	1	0	- 1	2,340	0		25
			1	1	0	- 1	2,000	0		25

	()		(/)				가			(:)
							(:)	(:)		
(60)	IC		1	1	0	-1	300	0		25
	L.C.R.		1	1	1	0	1,580	0		
	TR		1	1	1	0	720	0		
	가		2	1	2	0	76	0		
			8	1	0	-8	300	0		
			8	1	8	0	706	0		
			1	1	0	-1	300	0		
			5	1	0	-5	500	0		
	AM/FM		1	1	0	-1	1,500	0		
			5	1	5	0	345	0		
			1	1	1	0	30	0		
			8	1	8	0	340	0		
		8	1	0	-8	300	0			

	()		(/)				가			(:)
							(:)	(:)		
			1	1	1	0	10,260	0		25
	-		1	1	1	0	28,000	0		
			1	1	1	0	15	0		
			1	1	0	-1	9,000	0		
			3	1	3	0	36	0		
			1	1	1	0	300	0		
			5	1	0	-5	454	0		
			1	1	1	0	350	0		
			5	1	0	-5	363	0		
			1	1	1	0	1,800	0		
			5	1	0	-5	460	0		
			1	1	1	0	430	0		

	()		(/)				가			(:)
							(:)	(:)		
			1	1	1	0	1,218	0		25
			2	1	2	0	16	0		25
			1	1	1	0	20	0		
			1	1	1	0	600	0		25
			1	1	1	0	175	0		25
	PLC		10	1	5	-5	3,850	0		25
			17	1	17	0	550	0		
			1	1	1	0	6,892	0		
	Analong Lab Trainer		1	1	1	0	320	0		25
			4	1	4	0	320	0		25
			1	1	1	0	1,200	0		

	()		(/)				가			(:)
							(:)	(:)		
			1	1	1	0	848	0		25
	SCR		1	1	0	-1	2,058	0		25
			2	1	0	-2	750	0		
	PC		10	1	4	-6	4,000	0	PLC	25
			2	1	0	-2	3,500	0		25
	CD		1	1	1	0	1,000	0		
			1	1	0	-1	5,000	0		
			1	1	0	-1	2,120	0		
			1	1	0	-1	2,340	0		
			2	1	2	0	2,500	0		

	()		(/)				가			(:)
							(:)	(:)		
(30)			1	1	0	-1	500	0		25
			5	1	0	-5	70	0		
			5	1	0	-5	300	0		
			1	1	0	-1	80	0		
			1	1	0	-1	1,200	0		
			2	1	0	-2	200	0		
			10	1	0	-10	80	0		25
			5	1	0	-5	10	0		
			5	1	0	-5	10	0		
		PCV	5	1	0	-5	450	0		
			5	1	0	-5	350	0		
			30	1	0	-30	50	0		25
			30	1	11	-19	500	0		

	()		(/)				가			(:)
							(:)	(:)		
	DC		1	1	0	-1	5,000	0		25
	MIG		2	1	1	-1	4,500	0		
	TIG		2	1	0	-2	4,500	0		
			30	1	3	-27	400	0		
			1	1	0	-1	450	0		
	STUD		1	1	0	-1	400	0		
			1	1	0	-1	9,500	0		25
			1	1	0	-1	9,000	0		
	X		1	1	0	-1	10,000	0		
			2	1	0	-2	40	0		
			1	1	0	-1	30,000	0		
			1	1	0	-1	5,000	0		

	()		(/)				가			(:)
							(:)	(:)		
			1	1	0	-1	4,500	0		25
			1	1	0	-1	90	0		
			1	1	0	-5	150	0		
			1	1	0	-3	500	0		
			1	1	0	-1	10,000	0		
	가		1	1	1	-2	594	0		
			1	1	0	-4	500	0		25
			1	1	0	-1	2,500	0		
			1	1	1	-3	1,670	0		
			10	1	0	-10	400	0		
			2	1	0	-2	2,000	0		
			2	1	0	-2	4,500	0		
			30	1	0	-30	4	0		

	()		(/)				가			(:)
							(:)	(:)		
			10	1	0	- 10	50	0		(:) 25
			30	1	0	- 30	45	0		
			30	1	0	- 30	20	0		
			15	1	0	- 15	100	0		
			5	1	0	- 5	400	0		
			10	1	3	- 7	1,200	0		
			30	1	0	- 30	20	0		
			30	1	0	- 30	50	0		
	가 -		1	1	0	- 1	200	0		
	SR		1	1	0	- 1	3,000	0		
			2	1	0	- 2	700	0		
			30	1	0	- 30	15	0		

	()		(/)				가			(:)
							(:)	(:)		
			30	1	0	-30	9	0		25
			5	1	0	-5	90	0		
			1	1	0	-1	650	0		
			1	1	0	-1	180	0		
			1	1	0	-1	80	0		
	가		30	1	0	-30	40	0		
			1	1	0	-1	1,000	0		
			30	1	0	-30	50	0		
			2	1	0	-2	5	0		
			1	1	0	-1	50	0		

	()		(/)				가			(:)
							(:)	(:)		
CAD			1	1	0	- 1	20,000	0	CAD	25
			30	1	0	- 30	3,000	0		
			1	1	0	- 1	4,500	0		
	CD WRITER		1	1	0	- 1	4,000	0		
	JAZZ DRIVER		1	1	0	- 1	500	0		
	PLOTTER		1	1	0	- 1	900	0		
			1	1	0	- 1	3,200	0		
	COLOR PRINTER		1	1	0	- 1	2,900	0		
			1	1	0	- 1	1,800	0		
	SCANNER		1	1	0	- 1	3,200	0		
	VIDEO CAMERA		1	1	0	- 1	800	0		
	DIGITAL CAMERA		1	1	0	- 1	1,400	0		

	()		(/)				가			(:)
							(:)	(:)		
CAD			1	1	0	-1	3,000	0	CAD	25
			1	1	0	-1	14,000	0		
			1	1	0	-1	200	0		
	AVR		1	1	0	-1	1,200	0		
	UPS		6	1	0	-6	2,500	0		
			1	1	0	-1	4,000	0		
			1	1	0	-1	1,000	0		
			1	1	0	-1	550	0		
			34	1	0	-34	100	0		
			30	1	0	-30	40	0		
			1	1	0	-1	70	0		
			4	1	0	-4	600	0		
		2	1	0	-2	200	0			

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1998 12

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155 (135-240)

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(02)503-6971 5

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