

# MagneW 3000 PLUS

## Detector (Wafer type 2.5 mm to 10 mm, PFA liner)

### MGG18D - I II III IV V VI VII VIII IX - X XI - Y/Options (Some options can be selected per each mo

Option "Y" must be specified for Yamatake Version

Lead-time : The term after receipt of order(s) to ex-factory.

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Effective : Oct. 31, 2001	UNIT : 1000YEN

						Basic price / Additional price			Lead time	
						2.5mm	5mm	10mm		
Basic Model No. <b>MGG18D</b>										
I	Diameter	2.5mm	002			309			5	
		5mm	005				278		5	
		10mm	010					258	5	
II	Liner	PFA			P	0	0	0		
III	Piping connection	Wafer JIS10K	11			0	0	0		
		Wafer JIS20K	12			0	0	0		
		Wafer JIS30K	13			0	0	0		
		Wafer JIS10/20K for 10mm flange	14			0	0	0		
		Wafer JIS30K for 10mm flange	15			0	0	0		
		Wafer ANSI150	21			0	0	0		
		Wafer ANSI300	22			0	0	0		
		Wafer DIN PN10	41			0	0	0		
		Wafer DIN PN16	42			0	0	0		
		Wafer DIN PN25	43			0	0	0		
		Wafer DIN PN40	44			0	0	0		
		Wafer DIN PN10/16/25/40 for 10mm flange	45			0	0	0		
		Wafer JPI150	61			0	0	0		
Wafer JPI300	62			0	0	0				
IV	Electrodes	SUS316L	L			0	0	0		
		Hastelloy C	C			36	36	36		
		Titanium	K			41	41	41		
		Zirconium	H			170	170	170	10	
		Tantalum	T			103	103	103		
		Tungsten carbide (only for size 10mm)	W					180		
		Platinum iridium	P			171	171	171		
		Others	<input type="checkbox"/>			Refer to option table of electrodes				
V	Grounding ring	SUS316	S			0	0	0		
		Hastelloy C	C			57	57	57		
		Titanium	K			52	52	52		
		Zirconium	H			80	80	80	10	
		Tantalum	T			103	103	103		
		Platinum iridium	P			149	149	149		
		Others	<input type="checkbox"/>			Refer to option table of grounding rings				
VI	Electrical connection/ Watertight gland	Integral type	1			0	0	0		
		Remote type	G1/2 internal thread/without watertight gland	2			10	10	10	
			G1/2 internal thread/with brass(Ni-plated) watertight gland	3			15	15	15	
			G1/2 internal thread/with plastic watertight gland	4			12	12	12	
			1/2NPT internal thread/without watertight gland	5	Must be selected for CSA/FM Ni Approval		10	10	10	7
			CM20 internal thread/without watertight gland	6			10	10	10	7
			Pg13.5 internal thread/without watertight gland	7			10	10	10	7
			G1/2 internal thread/with SUS304 watertight gland	8			40	40	40	
VII	Face to face dimension	Standard	A			0	0	0		
		Others	<input type="checkbox"/>			Refer to option table of face to face dimension				
VIII	Installation/ Wiring	Integral type	H			0	0	0		
		Remote type	Upstream side(Horizontal/Vertical piping mounting)	A			0	0	0	
			Downstream side (Horizontal / Vertical piping)	B			0	0	0	
			Horizontal piping mounting/Left side viewed from upstream	C			0	0	0	
			Horizontal piping mounting/Right side viewed from upstream	D			0	0	0	
IX	Calibration	Standard	A			0	0	0		
		Others	<input type="checkbox"/>			Refer to option table of calibration				
X	Finish	Standard	X			0	0	0		
		Corrosion-resistant finish	1			5	5	5		
		Corrosion-proof finish	2			10	10	10		
XI	Bolt/nuts	None	X			0	0	0		
		Carbon steel	1			3	3	3		
		SUS304	2			5	5	5		

# MagneW 3000 PLUS Detector (Wafer type 2.5mm - 10mm, PFA)

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Effective : Jan. 1, 2003	UNIT : 1000YEN

Option (Some options can be selected per each model.)

Lead-time : The term after receipt of order(s) to ex-factory.

Remote type			Additional Price	Lead time (week)
Option	Y	Yamatate Version (Must be selected)	0	
	A	Calibration certificate(Sent to ordering location separately)	2	
	B	Traceability certificate for detector	10	
	C	Material certificate (only for electrodes and grounding rings)	45	7
	J	W/Gasket for plastic piping	7	
	K	Attachment of the TAG number to the terminal box for detector**Note 3	4	
	L	Attachment of the TAG number plate to the neck section for detector** Note3	8	
	P	Specific color finish for detector **Note 4	40	8
	E	Water free treatment	40	
	F	Oil free treatment	50	

Integral type			Additional Price	Lead time (week)
Option	Y	Yamatate Version (Must be selected)	0	
	A	Calibration certificate(Sent to ordering location separately)	2	
	B	Traceability certificate for detector	10	
	C	Material certificate (only for electrodes and grounding rings)	45	7
	J	W/Gasket for plastic piping	7	
	L	Attachment of the TAG number plate to the neck section for detector** Note3	8	
	P	Specific color finish for detector **Note 4	40	8
	E	Water free treatment	40	
	F	Oil free treatment	50	

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

Option table of Electrode material			Additional price	Lead time (week)
A	Alloy 20		80	10
E	SUS304		20	10
M	Monel		60	10

Option table of Grounding rings material			Additional Price	Lead time (week)
A	Alloy 20		70	10
E	SUS304		10	6
L	SUS316L		25	10
N	Nickel		40	10

Option table of Face to face dimension		Additional Price	Lead time (week)
B	YOKOGAWA YEWAG / YM, CYM(1,2), Tantalum / Platinum	15	
C	YOKOGAWA ADMAG / AM, AE(1,2), Tantalum / Platinum	15	
P	YOKOGAWA YEWAG / ADMAG, other than Tantalum / Platinum	13	
D	Hitachi FMR / FMR22, FMR23(1)	Refer to factory basis	10
E	Hitachi FMR / FMR104, (1)	Refer to factory basis	10
F	Toshiba TOSMAC / 335 (1)	Refer to factory basis	10
G	Toshiba LF / LF200 (1)	Refer to factory basis	10
H	F&P COPA-XM/D10D30XM (1,3)	Refer to factory basis	10
J	F&P MINI-MAG/10D1475 (4)	Refer to factory basis	10
K	Krohne ALTOFLUX/X1000 (3)	Refer to factory basis	10
L	Brooks WAFER-MAG/74 (1)	Refer to factory basis	10
Q	Fuji FMQO/FMSO(1, 2, 3)	Refer to factory basis	10

1: Teflon liner

3: Ceramic liner

Option table of Calibration			Additional Price	Lead time (week)
B	3 point dual range (0, 50, 100%)		100	7
E	5 point single range (0, 25, 50, 75, 100%)		100	7
F	5 point dual range (0, 25, 50, 75, 100%)		200	7
G	7 point single range(0, 5, 10, 25, 50, 75, 100%)		450	7
H	7 point dual range (0, 5, 10, 25, 50, 75, 100%)		600	7



# MagneW 3000 PLUS Detector (Wafer type 15mm - 200mm, PFA/ETFE liner)

Issued : Oct. 31,2001	Page : 2-16
Effective : Oct. 31,2001	UNIT : 1000YEN

Option (Some options can be selected per each model.)

Lead-time : The term after receipt of order(s) to ex-factory.

Remote type			Additional price	Lead Time (Weeks)
Option	Y	Yamatake version (Must be selected)	0	
	A	Calibration certificate (sent to ordering location separately)	2	
	B	Traceability certificate for detector	10	
	C	Material certificate (only for electrodes and ground rings)	45	7
	J	With gasket for plastic piping	Refer to table of gasket	
	K	Attachment of the TAG number to the terminal box for detector **Note 3	4	
	L	Attachment of the TAG number plate to the neck section for detector	8	
	P	Specific color finish for detector **Note4	40	8
	E	Water free treatment	40	
	F	Oil free treatment	50	

Note 3 : Must be selected for Tag No. requirement

Note 4 : Must specify Munsel No.

Integral type			Additional price	Lead Time (Weeks)
Option	Y	Yamatake Version (Must be selected)	0	
	A	Calibration certificate (Sent to ordering location separately)	2	
	B	Traceability certificate for detector	10	
	C	Material certificate (only for electrodes and grounding)	45	7
	J	W/Gasket for plastic piping	Refer to table of gasket	
	L	Attachment of the TAG number plate to the neck section for detector**	8	
	P	Specific color finish for detector **Note 4	40	8
	E	Water free treatment	40	
	F	Oil free treatment	50	

Note 3 : Must be selected for Tag No. requirement

Note 4 : Must specify Munsel No.

### Table of gasket for plastic piping

Diameter (mm)	15	25	40	50	65	80	100	125	150	200
J	7	10	14	19	19	35	45	80	80	120

Option table of Electrode material		Additional Price	Lead Time (Weeks)
A	Alloy 20	80	10
E	SUS304	20	10
M	Monel	60	10
N	Nickel	120	10
S	SUS316	20	10
1	SUS316L Protuded Electrode Note 1	55	10
2	SUS316L Alumina Specification Protuded Electrode w/flat tip Note 1	80	10
3	SUS316L Alumina Specification Protuded Electrode w/pointed tip Note 1	70	10

Note 1: Protrusion : Dia. 15mm(1.5mm), Dia. 25mm(2mm), Dia.40-200mm(3mm)

Optional table of Calibration		Additional Price	Lead time
B	3 point dual range (0, 50, 100%)	100	7
E	5 point single range (0, 25, 50, 75, 100%)	100	7
F	5 point dual range (0, 25, 50, 75, 100%)	200	7
G	7 point single range (0, 5, 10, 25, 50, 75, 100%)	450	7
H	7 point dual range (0, 5, 10, 25, 50, 75, 100%)	600	7

### Option table of Grounding rings material

		Diameter										Lead time
		15	25	40	50	65	80	100	125	150	200	
A	Alloy 20	70	70	70	70	70	80	100	140	140	180	10
E	SUS304	10	10	10	10	10	10	10	10	10	10	7
G	SUS316 Top HAT Ground Ring	Refer to factory basis										
L	SUS316L	25	25	25	25	25	30	40	60	60	70	7
N	Nickel	40	45	55	65	65	100	110	250	250	350	10

### Option table of Face to face dimension

		Diameter								Lead time		
		15	25	40	50	80	100	150	200			
B	YOKOGAWA YEWAG / YM, CYM(1,2), Tantalum / Platinum	Refer to factory basis							20	26	40	53
C	YOKOGAWA ADMAG / AM, AE(1,2), Tantalum / Platinum	Refer to factory basis							20	26	40	53
P	YOKOGAWA YEWAG / ADMAG, other than Tantalum / Platinum	13	14	15	16	20	26	40	53			
D	Hitachi FMR / FMR22, FMR23(1)	Refer to factory basis									10	
E	Hitachi FMR / FMR104, (1)											
F	Toshiba TOSMAC / 335 (1)											
G	Toshiba LF / LF200 (1)											
H	F&P COPA-XM/D10D30XM (1,3)											
J	F&P MINI-MAG/10D1475 (4)											
K	Krohne ALTOFLUX/X1000 (3)											
L	Brooks WAFER-MAG/74 (1)											

1: Teflon liner                      2: Polyurethane rubber liner  
3: Ceramic liner                  4: Tefzel liner

**MagneW 3000 PLUS**  
**Detector (Flange type 2.5mm - 10mm, PFA liner)**

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Effective : Oct. 31,2001	UNIT : 1000YEN

**MGG18F - I II III IV V VI VII VIII IX X - XI - Y/Options (Some options can be selected per each model.)**

Option "Y" must be specified for Yamatake Version

Lead-time : After receipt of order(s), ex-factory basis.

Basic Model No. <b>MGG18F</b>						Basic price / Additional price			Lead time	
						2.5mm	5mm	10mm		
I	Diameter	2.5mm	002			309			5	
		5mm	005				278		5	
		10mm	010					258	5	
II	Liner	PFA	P			0	0	0		
III	Piping connection	Flange JIS10K	J1			47	47	47		
		Flange JIS20K	J2			62	62	62		
		Flange JIS30K	J3			82	82	82	7	
		Flange JIS10/20K for 10mm flange	J4			47	47	47	7	
		Flange JIS30K for 10mm flange	J5			62	62	62	7	
		Flange ANSI150	A1			47	47	47	7	
		Flange ANSI300	A2			62	62	62	7	
		Flange DIN PN10	D1			62	62	62	7	
		Flange DIN PN16	D2			62	62	62	7	
		Flange DIN PN25	D3			82	82	82	7	
		Flange DIN PN40	D4			82	82	82	7	
		Flange DIN PN10/16/25/40 for 10mm flange	D5			62	62	62	7	
		Flange JPI150	P1			47	47	47	7	
Flange JPI300	P2			62	62	62	7			
IV	Flange material	Standard	1			0	0	0		
V	Electrodes	SUS316L	L			0	0	0		
		Hastelloy C	C			36	36	36		
		Titanium	K			41	41	41		
		Zirconium	H			170	170	170	10	
		Tantalum	T			103	103	103		
		Tungsten carbide (only for size 10mm or larger)	W					180		
		Platinum iridium	P			171	171	171		
		Others	<input type="checkbox"/>			Refer to Option table of Electrodes				
VI	Ground rings	SUS316	S			0	0	0		
		Hastelloy C	C			57	57	57		
		Titanium	K			52	52	52		
		Zirconium	H			80	80	80	10	
		Tantalum	T			103	103	103		
		Platinum	P			149	149	149		
		Others	<input type="checkbox"/>			Refer to Option table of Grounding rings				
VII	Electrical connection/ Watertight gland	Integral type	1			0	0	0		
		Remote type	G1/2 internal thread/without watertight gland	2			10	10	10	
			G1/2 internal thread/with brass (Ni-plated) watertight gland	3			15	15	15	
			G1/2 internal thread/with plastic watertight gland	4			12	12	12	
			1/2NPT internal thread/without watertight gland	5	Must be selected for CSA/FM NI Approval		10	10	10	7
			CM20 internal thread/withou watertight gland	6			10	10	10	7
			Pg13.5 internal thread/without watertight gland	7			10	10	10	7
			G1/2 internal thread/with SUS304 watertight gland	8			40	40	40	
VIII	Face to face	Standard	A			0	0	0		
		Others	<input type="checkbox"/>			Refer to factory basis				
IX	Installation/ Wiring direction	Integral type	H			0	0	0		
		Remote type	Upstream side (Horizontal/Vertical piping mounting)	A			0	0	0	
			Downstream side (Horizontal/Vertical piping mounting)	B			0	0	0	
			Horizontal piping mounting / Left side viewed from upstream	C			0	0	0	
Horizontal piping mounting / Right side viewed from upstream	D			0	0	0				
X	Calibration	Standard	A			0	0	0		
		Others	<input type="checkbox"/>			Refer to Option table of calibration				
XI	Finish	Standard	X			0	0	0		
		Corrosion-resistant finish	1			5	5	5		
		Corrosion-proof finish	2			10	10	10		

# MagneW 3000 PLUS Detector (Flange type 2.5mm - 10mm, PFA liner)

Issued : Oct. 31,2001	Page : 2-18
Effective : Oct. 31,2001	UNIT : 1000YEN

Option (Some options can be selected per each model.)

Lead-time : The term after receipt of order(s) to ex-factory.

Remote type			Additional Price	Lead Time (Weeks)
Option	Y	Yamatake Version (Must be selected)	0	
	A	Calibration certificate(Sent to ordering location separately)	2	
	B	Traceability certificate for detector	10	
	C	Material certificate (only for electrodes and grounding rings)	45	7
	J	W/Gasket for plastic piping	7	
	K	Attachment of the TAG number to the terminal box for detector**Note 3	4	
	L	Attachment of the TAG number plate to the neck section for detector** Note3	8	
	P	Specific color finish for detector **Note 4	40	8
	E	Water free treatment	40	
	F	Oil free treatment	50	

Note 3: Must be selected for Tag no. requirement

Note 4: Must specify Munsel no.

Integral type			Additional Price	Lead Time (Weeks)
Option	Y	Yamatake Version (Must be selected)	0	
	A	Calibration certificate(Sent to ordering location separately)	2	
	B	Traceability certificate for detector	10	
	C	Material certificate (only for electrodes and grounding rings)	45	7
	J	W/Gasket for plastic piping	7	
	L	Attachment of the TAG number plate to the neck section for detector** Note3	8	
	P	Specific color finish for detector **Note 4	40	8
	E	Water free treatment	40	
	F	Oil free treatment	50	

Note 3: Must be selected for Tag no. requirement

Note 4: Must specify Munsel no.

## Option table of Electrode material

		Additional Price	Lead time
A	Alloy 20	80	10
E	SUS304	20	10
M	Monel	60	10

## Option table of Grounding rings material

		Additional Price	Lead time
A	Alloy 20	70	10
E	SUS304	10	Refer to factory basis
L	SUS316L	25	10
N	Nickel	40	10

## Option table of Calibration

		Additional Price	Lead time
B	3 point dual range (0, 50, 100%)	100	10
E	5 point single range (0, 25, 50, 75, 100%)	100	10
F	5 point dual range (0, 25, 50, 75, 100%)	200	10
G	7 point single range(0, 5, 10, 25, 50, 75, 100%)	450	10
H	7 point dual range(0, 5, 10, 25, 50, 75, 100%)	600	10



# MagneW 3000 PLUS

## Detector (Flange type 15mm - 200mm, PFA/ETFE)

Issued : Oct. 31, 2001	Page : 2-10
Effective : Oct. 31, 2001	UNIT : 1000YEN

Option (Some options can be selected per each model.)

Lead-time : The term after receipt of order(s) to ex-factory.

Remote type		Additional Price	Lead Time	
Option	Y	Yamatake Version (Must be selected)	0	
	A	Calibration certificate (Sent to ordering location separately)	2	
	B	Traceability certificate for	10	
	C	Material certificate (only for electrodes and grounding rings)	45	7
	J	W/Gasket for plastic piping	Refer to table of gasket	
	K	Attachment of the TAG number to the terminal box for detector**Note 3	4	
	L	Attachment of the TAG number plate to the neck section for detector**	8	
	P	Specific color finish for detector **Note 4	40	8
	E	Water free treatment	40	
F	Oil free treatment	50		

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

Integral type		Additional price	Lead time (Weeks)	
Option	Y	Yamatake Version (Must be	0	
	A	Calibration certificate (Sent to ordering location separately)	2	
	B	Traceability certificate for detector	10	
	C	Material certificate (only for electrodes and grounding rings)	45	7
	J	W/Gasket for plastic piping	Refer to table of gasket	
	L	Attachment of the TAG number plate to the neck section for detector** Note3	8	
	P	Specific color finish for detector **Note 4	40	8
	E	Water free treatment	40	
	F	Oil free treatment	50	

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

### Table of gasket for plastic piping

Diameter	15	25	40	50	65	80	100	125	150	200
J	7	10	14	19	19	35	45	80	80	120

### Option table of Electrode material

	Additional Price	Lead time
A Alloy 20	80	10
E SUS304	20	10
M Monel	60	10
N Nickel	120	10
S SUS316	20	10
1 SUS	55	10
2 SUS316L Alumina Specification Protuded Electrode w/flat tip Note 1	80	10
3 SUS316L Alumina Specification Protuded Electrode w/pointed tip Note	70	10

Note 1: Protusion : Dia. 15mm(1.5mm), Dia. 25mm(2mm), Dia.40-200mm(3mm)

### Option table of Calibration

	Additional Price	Lead time
B 3 point dual range (0, 50, 100%)	100	10
E 5 point single range (0, 25, 50, 75, 100%)	100	10
F 5 point dual range (0, 25, 50, 75, 100%)	200	10
G 7 point single range (0, 5, 10, 25, 50, 75, 100%)	450	10
H 7 point dual range (0, 5, 10, 25, 50, 75, 100%)	600	10

### Option table of Grounding rings material

	Diameter	15	25	40	50	65	80	100	125	150	200	Lead time
A Alloy 20		70	70	70	70	70	80	100	140	140	180	10
E SUS304		10	10	10	10	10	10	10	10	10	10	7
G SUS316 Top Hat Grounding Rings		Refer to factory basis										
L SUS316L		25	25	25	25	25	30	40	60	60	70	7
N Nickel		40	45	55	65	65	100	110	250	250	350	10

### Option table of Face to face dimension

	Diameter	80	100	125	150	200	Lead time
B YOKOGAWA YEW MAG / YM, CYM(1,2), Tantalum / Platinum		30	39	50	60	80	Refer to
C YOKOGAWA ADMAG / AM, AE(1,2), Tantalum / Platinum		30	39	50	60	80	Refer to
P YOKOGAWA YEW MAG / ADMAG, other than Tantalum / Platinum		30	39	50	60	80	Refer to
E Hitachi FMR / FMR104, (1)		Refer to factory basis					4
F Toshiba TOSMAC / 335 (1)							
H F&P COPA-XM/D10D30XM (1,3)							
J F&P MINI-MAG/10D1475 (4)							
K Krohne ALTOFLUX/X1000 (3)							
L Brooks WAFER-MAG/74 (1)							
M Yamatake MagneW/ NNM (1)		60	78	100	120	160	4

1: Teflon liner

3: Ceramic Liner

### Option table of Flange Material (Flange Material : SUS304)

	Diameter	80	100	125	150	200	Lead time
4 Flange JIS10K		115	144	230	301	606	10
Flange JIS20K		154	197	320	439	760	10
Flange JIS30K		276	339	526	708	1249	10
Flange ANSI150		149	197	300	388	734	10
Flange ANSI300		248	347	495	617	1170	10
Flange JIS G3451 F12 (Diameter 80mm or		151	190	260	361	666	10
Flange DIN PN10		208	259	370	475	862	10
Flange DIN PN16		208	259	425	530	942	10
Flange DIN PN25		273	339	533	755	1313	10
Flange DIN PN40		273	339	533	755	1313	10
Flange JPI150		149	197	300	388	734	10
Flange JPI300		248	347	495	617	1170	10

**MagneW 3000 PLUS**

**Detector (Flange type 250mm - 600mm, PFA/ETFE**

**MGG18F - I II III IV V VI VII VIII IX X - XI - Y/Options (Some options can be selected per each mode**

Option "Y" must be specified for Yamatake Version

Lead-time : After receipt of order(s), ex-factory basis.

Issued : Oct. 31,2001	Page : 2-1-11
Effective : Oct. 31,2001	UNIT : 1000YEN

Basic Model No. <b>MGG18F</b>		Basic price / Additional price							Lead time								
		250mm	300mm	350mm	400mm	450mm	500mm	600mm									
I	Diameter	250mm	250						1878	6							
		300mm	300							6							
		350mm	350						2736	6							
		400mm	400						3280	6							
		450mm	450						4035	6							
		500mm	500						4810	8							
		600mm	600						5610	8							
									6270	8							
II	Liner	ETFE		E					0	0	0	0	0	0	0		
		PFA		P					42	54	70	85	100	100	140	+2	
III	Piping connecti	Flange JIS10K	J1						0	0	0	0	0	0	0		
		Flange JIS20K	J2						100	140	196	274	384	384	537		
		Flange ANSI150	A1						0	0	0	0	0	0	0	14	
		Flange ANSI300	A2						100	140	196	274	384	384	537	14	
		Flange JIS G3451 F12 (Diameter 80mm or larger)	G1						0	0	0	0	0	0	0	14	
		Flange DIN PN10	D1						0	0	0	0	0	0	0	14	
		Flange DIN PN16	D2						110	154	216	301	422	422	590	14	
		Flange DIN PN25	D3						110	154	216	301	422	422	590	14	
		Flange JPI150	P1						0	0	0	0	0	0	0	14	
		Flange JPI300	P2						100	140	196	274	384	384	537	14	
IV	Flange Material	Standard	1						0	0	0	0	0	0	0		
		Others	<input type="checkbox"/>						Refer to Option table of Flange Material								
V	Electrodes	SUS316L	L						0	0	0	0	0	0	0		
		Hastelloy C	C						36	36	36	36	36	36	36		
		Titanium	K						41	41	41	41	41	41	41		
		Zirconium	H						170	170	170	170	170	170	170	10	
		Tantalum	T						120	120	120	120	120	120	120		
		Tungsten carbide (only for size 10m	W						180	180	180	180	180	180	180		
		Platinum iridium	P						210	210	210	210	210	210	210		
		Others	<input type="checkbox"/>						Refer to Option table of Electrodes								
VI	Ground rings	SUS316	S						0	0	0	0	0	0	0		
		Hastelloy C	C						200	240	240	360	480	480	600		
		Titanium	K						200	240	240	360	480	480	600		
		Others	<input type="checkbox"/>						Refer to Option table of Grounding rings								
VII	Electrical connection/ Watertight	Integral type	1						0	0	0	0	0	0	0		
		Remote type	G1/2 internal thread/without watertight gland	2						10	10	10	10	10	10	10	
			G1/2 internal thread/with brass(Ni-plated) watertight gland	3						15	15	15	15	15	15	15	
			G1/2 internal thread/with plastic watertight gland	4						12	12	12	12	12	12	12	
			1/2NPT internal thread/without watertight gland	5						10	10	10	10	10	10	10	7
			CM20 internal thread/without watertight gland	6						10	10	10	10	10	10	10	7
			Pg13.5 internal thread/without watertight gland	7						10	10	10	10	10	10	10	7
			G1/2 internal thread/with SUS304 watertight gland	8						40	40	40	40	40	40	40	
									Must be selected for CSA/FM NI Approval								
VIII	Face to face dimension	Standard	A						0	0	0	0	0	0	0		
		Others	<input type="checkbox"/>						Refer to Option table of Face to face dime								
IX	Installation/ Wiring direction	Integral type	H						0	0	0	0	0	0	0		
		Remote type	Upstream side (Horizontal / Vertical piping mounting)	A						0	0	0	0	0	0	0	
			Downstream side (Horizontal / Vertical pipinhg mounting)	B						0	0	0	0	0	0	0	
			Horizontal piping mounting / Left side viewed from upstream	C						0	0	0	0	0	0	0	
			Horizontal piping mounting / Right side viewed from upstream	D						0	0	0	0	0	0	0	
X	Calibration	Standard	A						0	0	0	0	0	0	0		
		Others	<input type="checkbox"/>						Refer to Option table of calibration								
									-								
XI	Finish	Standard	X						0	0	0	0	0	0	0		
		Corrosion-resistant finish	1						15	15	20	20	40	40	60		
		Corrosion-proof finish	2						40	40	50	50	100	100	140		

# MagneW 3000 PLUS Detector (Flange type 250mm - 600mm, PFA/ETFE)

Issued : Oct. 31,2001	Page : 2-1-12
Effective: Oct. 31,2001	UNIT : 1000YEN

Option (Some options can be selected per each model.)

Lead-time : The term after receipt of order(s) to ex-factory.

Remote type			Additional Price	Lead time (Weeks)
Option	Y	Yamatake Version (Must be selected)	0	
	A	Calibration certificate (Sent to ordering location separately)	2	
	B	Traceability certificate for	10	
	C	Material certificate (only for electrodes and grounding rings)	45	7
	J	W/Gasket for plastic piping	Refer to table of gasket	
	K	Attachment of the TAG number to the terminal box for detector**Note 3	4	
	L	Attachment of the TAG number plate to the neck section for detector**	8	
	P	Specific color finish for detector **Note 4	40	8
	E	Water free treatment	40	
	F	Oil free treatment	50	

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

Integral type			Additional price	Lead time (Weeks)
Option	Y	Yamatake Version (Must be	0	
	A	Calibration certificate (Sent to ordering location separately)	2	
	B	Traceability certificate for detector	10	
	C	Material certificate (only for electrodes and grounding rings)	45	7
	J	W/Gasket for plastic piping	Refer to table of gasket	
	L	Attachment of the TAG number plate to the neck section for detector** Note3	8	
	P	Specific color finish for detector **Note 4	40	8
	E	Water free treatment	40	
	F	Oil free treatment	50	

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

### Table of gasket for plastic piping

Diameter	250	300	350	400	500	600
J	180	270	405	608	911	###

### Option table of Electrode material

		Additional Price	Lead time
A	Alloy 20	80	10
E	SUS304	20	10
M	Monel	60	10
N	Nickel	120	10

### Option table of Calibration

		Additional Price	Lead time
B	3 point dual range (0, 50, 100%)	100	10
E	5 point single range (0, 25, 50, 75, 100%)	100	10
F	5 point dual range (0, 25, 50, 75, 100%)	200	10
G	7 point single range (0, 5, 10, 25, 50, 75, 100%)	450	10
H	7 point dual range (0, 5, 10, 25, 50, 75, 100%)	600	10

### Option table of Grounding rings material

		Diameter						Lead time
		250	300	350	400	500	600	
A	Alloy 20	216	260	286	390	540	702	10
E	SUS304	12	15	17	25	33	42	7
G	SUS316 Top Hat Grounding Rings	Refer to factory basis						
L	SUS316L	84	101	111	166	217	282	7
N	Nickel	420	504	555	831	1082	1406	10

### Option table of Face to face dimension

		Diameter					
		250	300	350	400	500	600
P	YOKOGAWA YEW MAG / ADMAG, other than Tantalum / Platinum	96	135	168	206	285	320
H	F&P COPA-XM/D10D30XM (1,3)	Refer to factory basis					
J	F&P MINI-MAG/10D1475 (4)						
K	Krohne ALTOFLUX/X1000 (3)						
M	Yamatake MagneW/ NNM (1)	192	270	336	412	570	640
N	Yamatake MagneW3000/KID	96	135	168	206		

1: Teflon liner                      2: Polyurethane rubber liner  
3: Ceramic Liner                4: Tefzel liner

### Option table of Flange material (Flange material : SUS304)

		Diameter						Lead time
		250	300	350	400	500	600	
4	Flange JIS10K	325	391	510	650	1000	1376	10
	Flange JIS20K	588	727	961	1249	1884	2601	10
	Flange ANSI150	650	782	1020	1300	2000	2752	10
	Flange ANSI300	1400	1704	2236	2874			10
	Flange JIS G3451 F12 (Diameter 80mm or	488	587	765	975	1500	2064	10
	Flange DIN PN10	650	782	1020	1300	2000	2752	10
	Flange DIN PN16	760	936	1236	1601	2422	3342	10
	Flange DIN PN25	1085	1327	1746	2251	3422	4718	10
	Flange JPI150	650	782	1020	1300	2000	2752	10
	Flange JPI300	1400	1704	2236	2874			10

**MagneW 3000 PLUS Detector (Wafer type 25mm - 200mm, Polyurethane rubber liner)**

**MGG18D - I II III IV V VI VII VIII IX - X XI - Y/Options (Some options can be selected per each m**

Option "Y" must be specified for Yamatake Version

Lead-time : After receipt of order(s), ex-factory basis.

Basic Model No.		MGG18D		Basic price / Additional price										Lead time	
				25mm	40mm	50mm	65mm	80mm	100mm	125mm	150mm	200mm			
I	Diameter	25mm	025		244									9	
		40mm	040			264								9	
		50mm	050				295							9	
		65mm	065					335						9	
		80mm	080						377					9	
		100mm	100							463				9	
		125mm	125								594			9	
		150mm	150									700		9	
		200mm	200										936	9	
II	Liner	Polyurethane rubber		Q	0	0	0	0	0	0	0	0	0		
III	Piping connection	Wafer JIS10K	11		0	0	0	0	0	0	0	0	0		
		Wafer JIS20K	12		0	0	0	0	0	0	0	0	0		
		Wafer JIS30K	13		0	0	0	0	0	0	0	0	0		
		Wafer ANSI150	21		0	0	0	0	0	0	0	0	0		
		Wafer ANSI300	22		0	0	0	0	0	0	0	0	0		
		Wafer JIS G3451 F12(Diameter 80 or larger)	31		0	0	0	0	0	0	0	0	0		
		Wafer DIN PN10	41		0	0	0	0	0	0	0	0	0		
		Wafer DIN PN16	42		0	0	0	0	0	0	0	0	0		
		Wafer DIN PN25	43		0	0	0	0	0	0	0	0	0		
		Wafer DIN PN25	44		0	0	0	0	0	0	0	0	0		
		Wafer JPI150	61		0	0	0	0	0	0	0	0	0		
		Wafer JPI300	62		0	0	0	0	0	0	0	0	0		
IV	Electrodes	SUS316L	L		0	0	0	0	0	0	0	0	0		
		Titanium	K		41	41	41	41	41	41	41	41	41		
		Tungsten carbide (only for size 10mm or up)	W		180	180	180	180	180	180	180	180	180		
		Others	<input type="checkbox"/>		Refer to Option table of Electrodes										
V	Ground rings	SUS316	S		0	0	0	0	0	0	0	0	0		
		Titanium	K		52	52	52	67	67	82	99	124	155		
		Others	<input type="checkbox"/>		Refer to Option table of Grounding rings										
VI	Electrical connection/Watertight gland	Integral type	1		0	0	0	0	0	0	0	0	0		
		Remote type	G1/2 internal thread/without watertight gland	2		10	10	10	10	10	10	10	10	10	
			G1/2 internal thread/with brass(Ni-plated) watertight gland	3		15	15	15	15	15	15	15	15	15	
			G1/2 internal thread/with plastic watertight gland	4		12	12	12	12	12	12	12	12	12	
			1/2NPT internal thread/without watertight gland	5	Must be selected for CSA/FM NI Approval	10	10	10	10	10	10	10	10	10	7
			CM20 internal thread/without watertight gland	6		10	10	10	10	10	10	10	10	10	7
			Pg13.5 internal thread/without watertight gland	7		10	10	10	10	10	10	10	10	10	7
			G1/2 internal thread/with SUS304 watertight gland	8		40	40	40	40	40	40	40	40	40	
VII	Face to face	Standard	A		0	0	0	0	0	0	0	0	0		
VIII	Installation/Wiring direction	Integral type	H		0	0	0	0	0	0	0	0	0		
		Remote type	Upstream side (Horizontal / Vertical piping mounting)	A		0	0	0	0	0	0	0	0	0	
			Downstream side (Horizontal / Vertical piping mounting)	B		0	0	0	0	0	0	0	0	0	
			Horizontal piping mounting / Left side viewed from upstream	C		0	0	0	0	0	0	0	0	0	
			Horizontal piping mounting / Right side viewed from upstream	D		0	0	0	0	0	0	0	0	0	
IX	Calibration	Standard	A		0	0	0	0	0	0	0	0	0		
		Others	<input type="checkbox"/>		Refer to Option table of calibration										
X	Finish	Standard	X		0	0	0	0	0	0	0	0	0		
		Corrosion-resistant finish	1		5	5	5	5	5	5	5	5	5		
		Corrosion-proof finish	2		10	10	10	10	10	10	10	10	10		
XI	Bolt/nuts	None	X		0	0	0	0	0	0	0	0	0		
		Carbon steel	1		3	3	3	9	9	9	9	9	22		
		SUS304	2		5	5	5	20	20	20	20	20	40		

# MagneW 3000 PLUS

## Detector (Wafer type 25mm - 200mm, Polyurethane)

Issued : Oct. 31,2001	Page : 2-14
Effective : Oct. 31,2001	UNIT : 1000YEN

Option "Y" must be specified for Yamatake version

Lead-time : The term after receipt of order(s) to ex-factory.

Remote type			Additional price	Lead Time (Weeks)
Option	Y	Yamatake version (Must be selected)	0	
	A	Calibration certificate (sent to ordering location separately)	2	
	B	Traceability certificate for detector	10	
	C	Material certificate (only for electrodes and ground rings)	45	7
	J	With gasket for plastic piping	Refer to table of gasket	
	K	Attachment of the TAG number to the terminal box for detector **Note 3	4	
	L	Attachment of the TAG number plate to the neck section for detector	8	
	P	Specific color finish for detector **Note4	40	8
	E	Water free treatment	40	
	F	Oil free treatment	50	

Note 3 : Must be selected for Tag No. requirement

Note 4 : Must specify Munsel No.

Integral type			Additional price	Lead Time (Weeks)
Option	Y	Yamatake Version (Must be selected)	0	
	A	Calibration certificate(Sent to ordering location separately)	2	
	B	Traceability certificate for detector	10	
	C	Material certificate (only for electrodes and grounding)	45	7
	J	W/Gasket for plastic piping	Refer to table of gasket	
	L	Attachment of the TAG number plate to the neck section for detector**	8	
	P	Specific color finish for detector **Note 4	40	8
	E	Water free treatment	40	
	F	Oil free treatment	50	

Note 3 : Must be selected for Tag No. requirement

Note 4 : Must specify Munsel No.

### Table of gasket for plastic piping

Diameter (mm)	25	40	50	65	80	100	125	150	200
J	10	14	19	19	35	45	80	80	120

Option table of Electrode material		Additional Price	Lead Time (Weeks)
A	Alloy 20	80	10
E	SUS304	20	10
S	SUS316	20	10
1	SUS316L Protuded Electrode Note 1	55	10
2	SUS316L Alumina Specification Protuded Electrode w/flat tip Note 1	80	10
3	SUS316L Alumina Specification Protuded Electrode w/pointed tip Note 1	70	10

Note 1: Protrusion : Dia. 15mm (1.5mm), Dia. 25mm (2mm), Dia.40-200mm (3mm)

Optional table of Calibration		Additional Price	Lead time
B	3 point dual range (0, 50, 100%)	100	10
E	5 point single range (0, 25, 50, 75, 100%)	100	10
F	5 point dual range (0, 25, 50, 75, 100%)	200	10
G	7 point single range (0, 5, 10, 25, 50, 75, 100%)	450	10
H	7 point dual range (0, 5, 10, 25, 50, 75, 100%)	600	10

### Option table of Grounding rings material

		Diameter										Lead time
		25	40	50	65	80	100	125	150	200		
A	Alloy 20	70	70	70	70	80	100	140	140	180	10	
E	SUS304	10	10	10	10	10	10	10	10	10	7	
G	SUS316 Top HAT Ground Ring	Refer to factory basis										
L	SUS316L	25	25	25	25	30	40	60	60	70	7	



# MagneW 3000 PLUS Detector (Wafer type 25mm - 200mm, Polyurethane)

Issued : Oct. 31,2001	Page : 2-1 16
Effective : Oct. 31,2001	UNIT : 1000YEN

Option "Y" must be specified for Yamatake version

Lead-time : The term after receipt of order(s) to ex-factory.

Remote type			Additional price	Lead Time (Weeks)
Option	Y	Yamatake version (Must be selected)	0	
	A	Calibration certificate (sent to ordering location separately)	2	
	B	Traceability certificate for detector	10	
	C	Material certificate (only for electrodes and ground rings)	45	7
	J	With gasket for plastic piping	Refer to table of gasket	
	K	Attachment of the TAG number to the terminal box for detector **Note 3	4	
	L	Attachment of the TAG number plate to the neck section for detector	8	
	P	Specific color finish for detector **Note 4	40	8
	E	Water free treatment	40	
	F	Oil free treatment	50	

Note 3 : Must be selected for Tag No. requirement

Note 4 : Must specify Munsel No.

Integral type			Additional price	Lead Time (Weeks)
Option	Y	Yamatake Version (Must be selected)	0	
	A	Calibration certificate (Sent to ordering location separately)	2	
	B	Traceability certificate for detector	10	
	C	Material certificate (only for electrodes and grounding)	45	7
	J	W/Gasket for plastic piping	Refer to table of gasket	
	L	Attachment of the TAG number plate to the neck section for detector**	8	
	P	Specific color finish for detector **Note 4	40	8
	E	Water free treatment	40	
	F	Oil free treatment	50	

Note 3 : Must be selected for Tag No. requirement

Note 4 : Must specify Munsel No.

### Table of gasket for plastic piping

Diameter (mm)	25	40	50	65	80	100	125	150	200
J	10	14	19	19	35	45	80	80	120

Option table of Electrode material		Additional Price	Lead Time (Weeks)
A	Alloy 20	80	10
E	SUS304	20	10
S	SUS316	20	10
1	SUS316L Protuded Electrode Note 1	55	10
2	SUS316L Alumina Specification Protuded Electrode w/flat tip Note 1	80	10
3	SUS316L Alumina Specification Protuded Electrode w/pointed tip Note 1	70	10

Note 1: Protrusion : Dia. 15mm (1.5mm), Dia. 25mm (2mm), Dia.40-200mm (3mm)

Optional table of Calibration		Additional Price	Lead time
B	3 point dual range (0, 50, 100%)	100	10
E	5 point single range (0, 25, 50, 75, 100%)	100	10
F	5 point dual range (0, 25, 50, 75, 100%)	200	10
G	7 point single range (0, 5, 10, 25, 50, 75, 100%)	450	10
H	7 point dual range (0, 5, 10, 25, 50, 75, 100%)	600	10

### Option table of Grounding rings material

		Diameter										Lead time
		25	40	50	65	80	100	125	150	200		
A	Alloy 20	70	70	70	70	80	100	140	140	180	10	
E	SUS304	10	10	10	10	10	10	10	10	10	7	
G	SUS316 Top HAT Ground Ring	Refer to factory basis										
L	SUS316L	25	25	25	25	30	40	60	60	70	7	

### Option table of Flange material (Flange material : SUS304)

		Diameter (mm)						Lead time
		80	100	125	150	200		
4	Flange JIS10K	115	144	230	301	606	10	
	Flange JIS20K	154	197	320	439	760	10	
	Flange JIS30K	276	339	526	708	1249	10	
	Flange ANSI150	149	197	300	388	734	10	
	Flange ANSI300	248	347	495	617	1170	10	
	Flange JIS G3451 F12 (Diameter 80mm or larger)	151	190	260	361	666	10	
	Flange DIN PN10	208	259	370	475	862	10	
	Flange DIN PN16	208	259	425	530	942	10	
	Flange DIN PN25	273	339	533	755	1313	10	
	Flange DIN PN40	273	339	533	755	1313	10	
	Flange JPI150	149	197	300	388	734	10	
	Flange JPI300	248	347	495	617	1170	10	

**MagneW 3000 PLUS Detector (Wafer type 15mm - 100mm, Ceramic (Al2O3 99.7%) liner)**

Issued : Oct. 31,2001	Page : 2-1-17
Effective: Oct. 31,2001	UNIT : 1000YEN

**MGG18D - I II III IV V VI VII VIII IX - X XI - Y/Options**  
 (Some options can be selected per each model.)

Option "Y" must be specified for Yamatake Version  
 Lead-time : After receipt of order(s), ex-factory basis.

Basic Model No.		MGG18D		Basic price / Additional price						Lead time	
				15mm	25mm	40mm	50mm	80mm	100mm		
I	Diameter	15mm	015	290						5	
		25mm	025		330					5	
		40mm	040			375				5	
		50mm	050				420			5	
		80mm	080					520		5	
		100mm	100						660	5	
II	Liner	Ceramic (Al2O3 99.7%)	C	0	0	0	0	0	0		
III	Piping connection	Wafer JIS10K	11	0	0	0	0	0	0		
		Wafer JIS20K	12	0	0	0	0	0	0		
		Wafer JIS30K	13	0	0	0	0	0	0		
		Wafer ANSI150	21	0	0	0	0	0	0		
		Wafer ANSI300	22	0	0	0	0	0	0		
		Wafer JIS G3451 F12(Diameter 80 or larger)	31	0	0	0	0	0	0		
		Wafer DIN PN10	41	0	0	0	0	0	0		
		Wafer DIN PN16	42	0	0	0	0	0	0		
		Wafer DIN PN25	43	0	0	0	0	0	0		
		Wafer DIN PN40	44	0	0	0	0	0	0		
		Wafer JPI150	61	0	0	0	0	0	0		
Wafer JPI300	62	0	0	0	0	0	0				
IV	Electrodes	SUS316L	L	0	0	0	0	0	0		
		Hastelloy C	C	36	36	36	36	36	36		
		Titanium	K	41	41	41	41	41	41		
		Tantalum	T	103	103	103	103	103	103		
		Platinum iridium for Ceramic Lining	P	210	210	210	210	210	210		
V	Ground rings	None (Note*1)	X	0	0	0	0	0	0		
		Platinum Metalize	M	80	80	80	80	90	120		
VI	Electrical connection/ Watertight gland	Integral type	1	0	0	0	0	0	0		
		Remote type	G1/2 internal thread/without watertight gland	2	10	10	10	10	10	10	
			G1/2 internal thread/with brass(Ni-plated) watertight gland	3	15	15	15	15	15	15	
			G1/2 internal thread/with plastic watertight gland	4	12	12	12	12	12	12	
			1/2NPT internal thread/without watertight gland	5	10	10	10	10	10	10	2
			CM20 internal thread/without watertight gland	6	10	10	10	10	10	10	2
			Pg13.5 internal thread/without watertight gland	7	10	10	10	10	10	10	2
			G1/2 internal thread/with SUS304 watertight gland	8	40	40	40	40	40	40	
VII	Face to face	Standard	A	0	0	0	0	0	0		
VIII	Installation/ Wiring direction	Integral type	H	0	0	0	0	0	0		
		Remote type	Upstream side(Horizontal/Vertical piping mounting)	A	0	0	0	0	0	0	
			Downstream side (Horizontal/Vertical piping mounting)	B	0	0	0	0	0	0	
			Horizontal piping mounting/Left side viewed from upstream	C	0	0	0	0	0	0	
			Horizontal piping mounting/Right side viewed from upstream	D	0	0	0	0	0	0	
IX	Calibration	Standard	A	0	0	0	0	0	0		
X	Finish	Standard	X	0	0	0	0	0	0		
		Corrosion-resistant finish	1	5	5	5	5	5	5		
		Corrosion-proof finish	2	10	10	10	10	10	10		
XI	Bolt/nuts	None	X	0	0	0	0	0	0		
		Carbon steel	1	3	3	3	9	9	9		
		SUS304	2	5	5	5	20	20	20		

Note1: This specification (without grounding ring) is applicable when the grounding is possible through pipe line.  
 In case of plastic pipes or lined pipes, this selection is not applicable. Please select "M" as grounding ring selection code.

**MagneW 3000 PLUS Detector (Wafer type  
15mm - 100mm, Ceramic (Al2O3 99.7%) liner)**

Issued : Oct.31,2001	Page : 2-1-8
Effective : Oct.31,2001	UNIT : 1000YEN

Option "Y" must be specified for Yamatake version

Lead-time : The term after receipt of order(s) to ex-factory.

Remote type		Additional price	Lead Time (Week)
Option	Y	Yamatake version (Must be selected)	0
	A	Calibration certificate (sent to ordering location separately)	2
	B	Traceability certificate for detector	10
	L	Attachment of the TAG number plate to the neck section for detector **Note3	8
	U	Mirror-finish ceramic lining	Size 15, 25: 110, Size 40, 50: 155, Size 80, 100: 195

Note 3 : Must be selected for Tag No. requirement

Integral type		Additional price	Lead Time (Week)
Option	Y	Yamatake Version (Must be selected)	0
	A	Calibration certificate(Sent to ordering location separately)	2
	B	Traceability certificate for detector	10
	L	Attachment of the TAG number plate to the neck section for detector** Note3	8
	U	Mirror-finish ceramic lining	Size 15, 25: 110, Size 40, 50: 155, Size 80, 100: 195

Note 3 : Must be selected for Tag No. requirement

**MagneW 3000 PLUS Detector (Flange type  
250mm - 600mm, Chloroprene rubber liner)**

Issued : Oct. 31,2001	Page : 2-1-19
Effective : Oct. 31,2001	UNIT : 1000YEN

**MGG18F - I II III IV V VI VII VIII IX - X - Y/Options (Some options can be selected per each model.**

Option "Y" must be specified for Yamatake Version

Lead-time : After receipt of order(s), ex-factory basis.

Basic Model No. <b>MGG18F</b>				Basic price / Additional price							Lead time		
				250mm	300mm	350mm	400mm	450mm	500mm	600mm			
I	Diameter	250mm	250	1780								8	
		300mm	300		2370							8	
		350mm	350			2950						8	
		400mm	400				3600					8	
		450mm	450					4290				10	
		500mm	500						5090			10	
		600mm	600							5700		10	
II	Liner	Chloroprene rubber	R	0	0	0	0	0	0	0	0		
III	Piping connection	Flange JIS10K	J1	0	0	0	0	0	0	0	0		
		Flange ANSI150	A1	0	0	0	0	0	0	0	0		
		Flange JIS G3451 F12 (Diameter 80mm or larger)	G1	0	0	0	0	0	0	0	0		
		Flange DIN PN10	D1	0	0	0	0	0	0	0	0		
		Flange JPI150	P1	0	0	0	0	0	0	0	0		
IV	Flange Material	Standard	1	0	0	0	0	0	0	0	0		
		Others	<input type="checkbox"/>	Refer to Option table of Flange Material									
V	Electrodes	SUS316L	L	0	0	0	0	0	0	0	0		
		Titanium	K	41	41	41	41	41	41	41	41		
		Tungsten carbide (only for size 10mm or upper)	W	180	180	180	180	180	180	180	180		
		Others	<input type="checkbox"/>	Refer to Option table of Electrodes									
VI	Ground rings	SUS316	S	0	0	0	0	0	0	0	0		
		Titanium	K	200	240	240	360	480	480	600	600		
		Others	<input type="checkbox"/>	Refer to Option table of Grounding rings									
VII	Electrical connection/ Watertight gland	Integral type	1	0	0	0	0	0	0	0	0		
		Remote type	G1/2 internal thread/without watertight gland	2	10	10	10	10	10	10	10	10	
			G1/2 internal thread/with brass(Ni-plated) watertight gland	3	15	15	15	15	15	15	15	15	
			G1/2 internal thread/with plastic watertight gland	4	12	12	12	12	12	12	12	12	
			1/2NPT internal thread/without watertight gland	5	10	10	10	10	10	10	10	10	7
			CM20 internal thread/without watertight gland	6	10	10	10	10	10	10	10	10	7
			Pg13.5 internal thread/without watertight gland	7	10	10	10	10	10	10	10	10	7
			G1/2 internal thread/with SUS304 watertight gland	8	40	40	40	40	40	40	40	40	
VIII	Face to face dimension	Standard	A	0	0	0	0	0	0	0	0		
		Others	<input type="checkbox"/>	Refer to Option table of Face to face dimension									
IX	Installation/ Wiring direction	Integral type	H	0	0	0	0	0	0	0	0		
		Remote type	Upstream side (Horizontal / Vertical piping mounting)	A	0	0	0	0	0	0	0	0	
			Downstream side (Horizontal / Vertical piping mounting)	B	0	0	0	0	0	0	0	0	
			Horizontal piping mounting / Left side viewed from upstream	C	0	0	0	0	0	0	0	0	
			Horizontal piping mounting / Right side viewed from upstream	D	0	0	0	0	0	0	0	0	
X	Calibration	Standard	A	0	0	0	0	0	0	0	0		
		Others	<input type="checkbox"/>	Refer to Option table of calibration									
XI	Finish	Standard	X	0	0	0	0	0	0	0	0		
		Corrosion-resistant finish	1	15	15	20	20	40	40	60			
		Corrosion-proof finish	2	40	40	50	50	100	100	140			

# MagneW 3000 PLUS Detector (Flange type 250mm - 600mm, Chloroprene rubber liner)

Issued : Nov. 30, 2001	Page : 2-120
Effective : Nov. 30, 2001	UNIT : 1000YEN

Option (Some options can be selected per each model.)

Lead-time : The term after receipt of order(s) to ex-factory.

Remote type		Additional Price	Lead Time (Weeks)	
Option	Y	Yamatake version (Must be selected)	0	
	A	Calibration certificate (sent to ordering location separately)	2	
	B	Traceability certificate for detector	10	
	C	Material certificate (only for electrodes and ground rings)	45	7
	J	With gasket for plastic piping	Refer to table of gasket	
	K	Attachment of the TAG number to the terminal box for detector **Note 3	4	
	L	Attachment of the TAG number plate to the neck section for detector **Note3	8	
	P	Specific color finish for detector **Note4	40	8
	E	Water free treatment	40	
	F	Oil free treatment	50	

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

Integral type		Additional Price	Lead Time (Weeks)	
Option	Y	Yamatake Version (Must be selected)	0	
	A	Calibration certificate(Sent to ordering location separately)	2	
	B	Traceability certificate for detector	10	
	C	Material certificate (only for electrodes and grounding)	45	7
	J	W/Gasket for plastic piping	Refer to table of gasket	
	L	Attachment of the TAG number plate to the neck section for detector**	8	
	P	Specific color finish for detector **Note 4	40	8
	E	Water free treatment	40	
	F	Oil free treatment	50	

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

### Table of gasket for plastic piping

Diameter (mm)	250	300	350	400	500	600
J	180	270	405	608	911	1367

### Option table of Electrode material

		Additional Price	Lead Time (Weeks)
E	SUS304	20	10
S	SUS316	20	10

Note 1: Protrusion : Dia. 15mm (1.5mm), Dia. 25mm (2mm), Dia.40-200mm (3mm)

### Optional table of Calibration

		Additional Price	Lead time
B	3 point dual range (0, 50, 100%)	100	10
E	5 point single range (0, 25, 50, 75, 100%)	100	10
F	5 point dual range (0, 25, 50, 75, 100%)	200	10
G	7 point single range (0, 5, 10, 25, 50, 75, 100%)	450	10
H	7 point dual range (0, 5, 10, 25, 50, 75, 100%)	600	10

### Option table of Grounding rings material

		Diameter						Lead time
		250	300	350	400	500	600	
E	SUS304	12	15	17	25	33	42	7
G	SUS316 Top HAT Ground Ring	Refer to factory basis						
L	SUS316L	84	101	111	166	217	282	7

### Option table of Face to face dimension

		Diameter						Lead time
		250	300	350	400	500	600	
P	YOKOGAWA YEWMAg / ADMAG, other than	96	135	168	206	285	320	
H	F&P COPA-XM/D10D30XM (1,3)	Refer to factory basis						
J	F&P MINI-MAG/10D1475 (4)							
K	Krohne ALTOFLUX/X1000							
M	Yamatake MagneW/ NNM (1)	192	270	336	412	570	640	
N	Yamatake MagneW3000/KID	96	135	168	206			

1: Teflon liner 2: Polyurethane rubber liner

3: Ceramic Liner 4: Tefzel liner

### Option table of Flange material (Flange material : SUS304)

		Diameter (mm)						Lead time
		250	300	350	400	500	600	
4	Flange JIS10K	325	391	510	650	1000	1376	10
	Flange ANSI150	650	782	1020	1300	2000	2752	10
	Flange JIS G3451 F12 (Diameter 80mm or larger)	488	587	765	975	1500	2064	10
	Flange DIN PN10	650	782	1020	1300	2000	2452	10
	Flange JPI150	650	782	300	1300	2000	2452	10

**MagneW 3000 PLUS Detector (Flange type  
700mm - 1100mm, Chloroprene rubber liner)**

Issued : Oct. 31, 2001	Page : 2-121
Effective : Oct. 31, 2001	UNIT : 1000YEN

**MGG18F - I II III IV V VI VII VIII IX X - XI - Y/Options (Some options can be selected per each mc**

Option "Y" must be specified for Yamatake Version

Lead-time : After receipt of order(s), ex-factory basis.

Basic Model No.		MGG18F		Basic price / Additional price					Lead time		
				700mm	800mm	900mm	1000mm	1100mm			
I	Diameter	700mm	700		7400					23	
		800mm	800			8600				23	
		900mm	900				9730			23	
		1000mm	10H					10950		23	
		1100mm	11H						11750	23	
II	Liner	Chloroprene rubber	R		0	0	0	0	0		
III	Piping connection	Flange JIS10K	J1		0	0	0	0	0		
		Flange ANSI150	A1		0	0	0	0	0		
		Flange JIS G3451 F12 (Diameter 80mm or larger)	G1		0	0	0	0	0		
		Flange DIN PN10	D1		0	0	0	0	0		
		Flange JPI150	P1		0	0	0	0	0		
IV	Flange Material	Standard	1		0	0	0	0	0		
V	Electrodes	SUS316L	L		0	0	0	0	0		
		Titanium	K		62	62	62	62	62		
		Tungsten carbide (only for size 10mm or upp)	W		220	220	220	220	220		
		Others	<input type="checkbox"/>		Refer to Option table of Electrodes						
VI	Ground rings	SUS316	S		0	0	0	0	0		
		Others	<input type="checkbox"/>		Refer to Option table of Grounding r						
VII	Electrical connection/ Watertight gland	Integral type	1		0	0	0	0	0		
		Remote type	G1/2 internal thread/without watertight gland	2		10	10	10	10	10	
			G1/2 internal thread/with brass(Ni-plated) watertight gland	3		15	15	15	15	15	
			G1/2 internal thread/with plastic watertight gland	4		12	12	12	12	12	
			1/2NPT internal thread/without watertight gland	5	Must be selected for CSA/FM NI Approval	10	10	10	10	10	
			CM20 internal thread/without watertight gland	6		10	10	10	10	10	
			Pg13.5 internal thread/without watertight gland	7		10	10	10	10	10	
			G1/2 internal thread/with SUS304 watertight gland	8		40	40	40	40	40	
VIII	Face to face dimension	Standard	A		0	0	0	0	0		
		Others	<input type="checkbox"/>		Refer to factory basis						
IX	Installation/ Wiring direction	Integral type	H		0	0	0	0	0		
		Remote type	Upstream side (Horizontal / Vertical piping mounting)	A		0	0	0	0	0	
			Downstream side (Horizontal / Vertical pipinhg mounting)	B		0	0	0	0	0	
			Horizontal piping mounting / Left side viewed from upstream	C		0	0	0	0	0	
			Horizontal piping mounting / Right side viewed from upstream	D		0	0	0	0	0	
X	Calibration	Standard	A		0	0	0	0	0		
		Others	<input type="checkbox"/>		Refer to Option table of calibration						
				-							
XI	Finish	Standard	X		0	0	0	0	0		
		Corrosion-resistant finish	1		70	80	90	100	110		
		Corrosion-proof finish	2		160	180	200	220	240		

# MagneW 3000 PLUS Detector (Flange type 700mm - 1100mm, Chloroprene rubber liner)

Issued : Oct. 31,2001	Page : 2-1-22
Effective : Oct. 31,2001	UNIT : 1000YEN

Option (Some options can be selected per each model.)

Lead-time : The term after receipt of order(s) to ex-factory.

## Remote type

Option	Y	Yamatake version (Must be selected)	Additional price	Lead Time (Weeks)
	A	Calibration certificate (sent to ordering location separately)	2	
	B	Traceability certificate for detector	10	
	C	Material certificate (only for electrodes and ground rings)	45	7
	K	Attachment of the TAG number to the terminal box for detector **Note 3	4	
	L	Attachment of the TAG number plate to the neck section for detector	8	
	P	Specific color finish for detector **Note4	40	8
	E	Water free treatment	40	
	F	Oil free treatment	50	

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

## Option table of Electrode material

		Additional Price
E	SUS304	40
S	SUS316	40
1	SUS316L Protuded electrode Note1	110

Note 1: Protrusion : Dia. 15mm (1.5mm), Dia. 25mm (2mm), Dia.40-200mm (3mm)

## Option table of Grounding rings material

		Diameter				
		700	800	900	1000	1100
E	SUS304	63	84	105	126	133
L	SUS316L	287	367	460	563	677

## Integral type

Option	Y	Yamatake Version (Must be selected)	Additional price	Lead Time (Weeks)
	A	Calibration certificate(Sent to ordering location separately)	2	
	B	Traceability certificate for detector	10	
	C	Material certificate (only for electrodes and grounding)	45	7
	L	Attachment of the TAG number plate to the neck section for detector** Note3	8	
	P	Specific color finish for detector **Note 4	40	8
	E	Water free treatment	40	
	F	Oil free treatment	50	

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

## Optional table of Calibration

		Additional Price	Lead time
J	2 point single range (0, 100%)	100	7
K	2 point dual range (0, 100%)	100	7

**MagneW 3000 PLUS Detector**  
**(Union/clamp/hose type 2.5mm - 15mm, PFA**

Issued : Oct. 31,2001	Page : 2-123
Effective : Oct. 31,2001	UNIT : 1000YEN

**MGG18U - I II III IV V VI VII VIII IX - X - Y/Options (Some options can be selected per each model.)**

Option "Y" must be specified for Yamatake Version

Lead-time : After receipt of order(s), ex-factory basis.

Basic Model No. MGG18U					Basic price / Additional price				Lead time	
					2.5mm	5mm	10mm	15mm		
I	Diameter	2.5mm	002		309				5	
		5mm	005			278			5	
		10mm	010				258		5	
		15mm	015					235	5	
II	Liner	PFA	P		0	0	0	0		
III	Piping connection	Union joint R1/2 (PT1/2) external thread	U1		35	35	35	35		
		Union joint 1/2NPT external thread	U2		35	35	35	35		
		Union joint R1/2 (PT1/2) internal thread	U3		35	35	35	35		
		Union joint 1/2 NPT internal thread	U4		35	35	35	35		
		Union joint R1/4 external thread (2.5/5mm)	U5		50	50	50	50		
		Union joint R1/4NPT external thread (2.5/5mm)	U6		50	50	50	50		
		Union joint R1/4 (PT1/4) internal thread (2.5/5mm)	U7		50	50	50	50		
		Union joint 1/4NPT internal thread (2.5/5mm)	U8		50	50	50	50		
		Hose joint	H1		35	35	35	35		
		IDF clamp	C1		55	55	55	55		
Tri clamp	C2		55	55	55	55				
IV	Electrodes	SUS316L	L		0	0	0	0		
		Hastelloy C	C		36	36	36	36		
		Titanium	K		41	41	41	41		
		Zirconium	H		170	170	170	170	10	
		Tungsten carbide (only for size 10mm or upper)	W				180	180		
		Others	□		Refer to Option table of Electrodes					
V	Ground rings	SUS316	S		0	0	0	0		
VI	Electrical connection/ Watertight gland	Integral type	1		0	0	0	0		
		Remote type	G1/2 internal thread/without watertight gland	2		10	10	10	10	
			G1/2 internal thread/with brass(Ni-plated) watertight gland	3		15	15	15	15	
			G1/2 internal thread/with plastic watertight gland	4		12	12	12	12	
			1/2NPT internal thread/without watertight gland	5	Must be selected for CSA/FM NI Approval	10	10	10	10	7
			CM20 internal thread/without watertight gland	6		10	10	10	10	7
			Pg13.5 internal thread/without watertight gland	7		10	10	10	10	7
			G1/2 internal thread/with SUS304 watertight gland	8		40	40	40	40	
VII	Face to face	Standard	A		0	0	0	0		
VIII	Installation/ Wiring direction	Integral type	H		0	0	0	0		
		Remote type	Upstream side (Horizontal / Vertical piping mounting)	A		0	0	0	0	
			Downstream side (Horizontal / Vertical piping mounting)	B		0	0	0	0	
			Horizontal piping mounting / Left side viewed from upstream	C		0	0	0	0	
			Horizontal piping mounting / Right side viewed from upstream	D		0	0	0	0	
IX	Calibration	Standard	A		0	0	0	0		
		Others	□		Refer to Option table of calibration					
X	Finish	Standard	X		0	0	0	0		
		Corrosion-resistant finish	1		5	5	5	5		
		Corrosion-proof finish	2		10	10	10	10		

**MagneW 3000 PLUS Detector (Union/clamp/hose type 2.5mm - 15mm, PFA liner)**

Issued : Oct. 31, 2001	Page : 2-124
Effective : Oct. 31, 2001	UNIT : 1000YEN

Lead-time : The term after receipt of order(s) to ex-factory.

**Remote type**

			Additional price	Lead Time (Weeks)
Option	Y	Yamatake version (Must be selected)	0	
	A	Calibration certificate (sent to ordering location sepearately)	2	
	B	Traceability certificate for detector	10	
	C	Material certificate (only for electrodes and ground rings)	45	7
	K	Attachment of the TAG number to the terminal box for detector **Note 3	4	
	L	Attachement of the TAG number plateto the neck section for detector	8	
	P	Specific color finish for detector **Note4	40	8
	E	Water free treatment	40	
	F	Oil free treatment	50	

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

**Option table of Electrode material**

		Additional Price	Lead Time (Weeks)
A	Alloy 20	80	10
E	SUS304	20	10
M	Monel	80	10
S	SUS316	20	10

**Integral type**

			Additional price	Lead Time (Weeks)
Option	Y	Yamatake Version (Must be selected)	0	
	A	Calibration certificate(Sent to ordering location sepearately)	2	
	B	Traceability certicate for detector	10	
	C	Material certificate (only for electrodes and grounding)	45	7
	L	Attachment of the TAG number plate to the neck section for detector**	8	
	P	Specific color finish for detector **Note 4	40	8
	E	Water free treatment	40	
	F	Oil free treatment	50	

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

**Optional table of Calibration**

		Additional Price	Lead time
B	3 point dual range (0, 50, 100%)	100	10
E	5 point single range (0, 25, 50, 75, 100%)	100	10
F	5 point dual range (0, 25, 50, 75, 100%)	200	10
G	7 point single range (0, 5, 10, 25, 50, 75, 100%)	450	10
H	7 point dual range (0, 5, 10, 25, 50, 75, 100%)	600	10