

MagneW 3000 PLUS Detector
(Wafer type 2.5 mm to 10 mm, PFA liner)

Issued : Oct. 31, 2001	Page : 2-1-3
Effective : Dec. 1, 2003	UNIT : 1000YEN

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

Option "Y" must be specified for Yamatake Version

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

						Basic price / Additional price			Lead time
						2.5 mm	5 mm	10 mm	
Basic Model No. MGG18D									
I	Diameter	2.5 mm	002			309			5
		5 mm	005				278		5
		10 mm	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 10 mm flange	14					0	
		Wafer JIS30K for 10 mm flange	15					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 10 mm flange	45					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 10 mm)	W					180	
		Platinum iridium	P			171	171	171	
		Others				Refer to option table of electrodes			
V	Grounding 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 iridium	P			149	149	149	
		Others				Refer to option table of grounding rings			
VI	Electrical connection/ Watertight gland	Integral type	1			0	0	0	
		Remote type	2			10	10	10	
		G1/2 internal thread/ without watertight gland	3			15	15	15	
		G1/2 internal thread/ with brass (Ni-plated) watertight gland	4			12	12	12	
		G1/2 internal thread/with plastic watertight gland	5		Must be selected for CSA/FM NI Approval	10	10	10	7
		1/2NPT internal thread/ without watertight gland	6			10	10	10	7
		CM20 internal thread/ without watertight gland	7			10	10	10	7
		Pg13.5 internal thread/ without watertight gland	8			40	40	40	
VII	Face to face dimension	Standard	A			0	0	0	
		Others				Refer to option table of face to face dimension			
VIII	Installation/ Wiring direction	Integral type	H			0	0	0	
		Remote type	A			0	0	0	
		Upstream side (Horizontal/ Vertical piping mounting)	B			0	0	0	
		Downstream side (Horizontal / Vertical piping mounting)	C			0	0	0	
		Horizontal piping mounting/ Left side viewed from upstream	D			0	0	0	
IX	Calibration	Standard	A			0	0	0	
		Others				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 liner)

Issued : Oct. 31, 2001	Page : 2-1-4
Effective : Jul. 1, 2005	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 Yamatake Version (Must be selected)	0	
	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 (week)
Option	Y Yamatake Version (Must be selected)	0	
	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	

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 YEWMAG / YM, CYM (1,2), Tantalum / Platinum	15	
C	YOKOGAWA ADMAG / AM, AE (1,2), Tantalum / Platinum	15	
P	YOKOGAWA YEWMAG / 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 15 mm to 200 mm, PFA/ETFE liner)

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.

Issued : Oct. 31, 2001	Page : 2-1-5
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Basic Model No. MGG18D				Basic price / Additional price										Lead time
				10 mm	25 mm	40 mm	50 mm	65 mm	80 mm	100 mm	125 mm	150 mm	200 mm	
I	Diameter	15 mm	015	235										4
		25 mm	025		265									4
		40 mm	040			290								4
		50 mm	050				320							4
		65 mm	065					360						4
		80 mm	080						402					4
		100 mm	100							505				4
		125 mm	125								655			4
		150 mm	150									791		4
		200 mm	200										1040	4
II	Liner	ETFE (Note 1)	E											
		PFA	P											
III	Piping connection	Wafer JIS10K	11		0	0	0	0	0	3	5	5	9	+1
		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	
		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 PN40	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	
		Hastelloy C	C		36	36	36	36	36	36	36	36	36	
		Titanium	K		41	41	41	41	41	41	41	41	41	
		Zirconium	H		170	170	170	170	170	170	170	170	170	10
		Tantalum	T		103	103	103	103	103	103	103	103	103	
		Tungsten carbide	W		180	180	180	180	180	180	180	180	180	
		Platinum iridium	P		175	175	175	175	175	175	175	175	175	
		Others			Refer to Option table of Electrodes									
		SUS316	S		0	0	0	0	0	0	0	0	0	
		Hastelloy C	C		57	57	57	57	72	72	93	112	134	170
V	Ground rings	Titanium	K		52	52	52	52	67	67	82	99	124	155
		Zirconium	H		104	104	104	104	134	134	164	198	248	305
		Tantalum	T		103	103	103	103	113	113	134	161	206	258
		Platinum iridium	P		149	149	149	149	160	160	185	222	256	338
		Others			Refer to Option table of Grounding rings									
		Integral type	1		0	0	0	0	0	0	0	0	0	
		G1/2 internal thread/without watertight gland	2		10	10	10	10	10	10	10	10	10	
VI	Wiring connection/ water tight gland	Remote type												
		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	
		Others			Refer to Option table of Face to face dimension									
VII	Face to face dimension	Standard	A		0	0	0	0	0	0	0	0	0	
		Others			Refer to Option table of Face to face dimension									
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	
XI	Calibration	Horizontal piping mounting/Right side viewed from upstream	D		0	0	0	0	0	0	0	0	0	
		Standard	A		0	0	0	0	0	0	0	0	0	
		+/- 0.35% of rate calibration	U											
		Others			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	3	9	9	9	9	9	22
		SUS304	2		5	5	5	5	20	20	20	20	20	40

Note1: Size 80 to 200 mm (3 to 8 inches) available.

MagneW 3000 PLUS Detector

(Wafer type 15mm - 200mm, PFA/ETFE liner)

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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	Yamatake version (Must be selected)	0	
	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.

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 (week)
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)

Option table of Grounding rings material			Diameter										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 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				15	25	40	50	80	100	150	200	Lead time
B	YOKOGAWA YEWMAG / YM, CYM(1,2), Tantalum / Platinum						Refer to factory basis				20	26	40	53	10
C	YOKOGAWA ADMAG / AM, AE(1,2), Tantalum / Platinum						Refer to factory basis				20	26	40	53	
P	YOKOGAWA YEWMAG / ADMAG, other than Tantalum / Platinum						13	14	15	16	20	26	40	53	
D	Hitachi FMR / FMR22, FMR23(1)						Refer to factory basis								
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

Integral type			Additional Price	Lead time (week)
Option	Y	Yamatake Version (Must be selected)	0	
	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 (Note 3)	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

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

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

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

Option I must be selected for Titanium version						Basic price / Additional price										Lead time	
Basic Model No.						15 mm	25 mm	40 mm	50 mm	65 mm	80 mm	100 mm	125 mm	150 mm	200 mm		
I	Diameter	15 mm	015			235											5
		25 mm	025				265										5
		40 mm	040					290									5
		50 mm	050						320								5
		65 mm	065							360							5
		80 mm	080								400						5
		100 mm	100									504					5
		125 mm	125										652				5
		150 mm	150											787			5
	200 mm	200												1034		5	
II	Liner	ETFE	E								0	0	0	0	0		
		PFA	P			0	0	0	0	0	5	6	8	13	21	+1	
III	Piping connection	Flange JIS10K	J1			47	54	58	64	73	81	102	160	214	478		
		Flange JIS20K	J2			62	70	75	83	93	106	133	215	269	558		
		Flange JIS30K	J3			82	90	100	106	125	140	171	246	360	737	7	
		Flange ANSI150	A1			47	54	58	64	73	81	102	160	214	478	7	
		Flange ANSI300	A2			62	70	75	83	103	122	153	215	269	558	7	
		Flange JIS G3451 F12 (Diameter 80 mm or larger)	G1								106	133	160	214	478	7	
		Flange DIN PN10	D1			62	70	75	83	94	106	133	160	214	478	7	
		Flange DIN PN16	D2			62	70	75	83	94	106	133	215	269	558	7	
		Flange DIN PN25	D3			80	90	97	107	118	137	171	253	407	801	7	
		Flange DIN PN40	D4			80	90	97	107	118	137	171	253	407	801	7	
		Flange JPI150	P1			47	54	58	64	73	81	102	160	214	478	7	
		Flange JPI300	P2			62	70	75	83	103	122	153	215	269	558	7	
IV	Flange material	Standard	1			0	0	0	0	0	0	0	0	0	0		
		Others			Refer to Option table of Flange Material												
V	Electrodes	SUS316L	L			0	0	0	0	0	0	0	0	0	0		
		Hastelloy C	C			36	36	36	36	36	36	36	36	36	36		
		Titanium	K			41	41	41	41	41	41	41	41	41	41		
		Zirconium	H			170	170	170	170	170	170	170	170	170	170	10	
		Tantalum	T			103	103	103	103	103	103	103	103	103	103		
		Tungsten carbide	W			180	180	180	180	180	180	180	180	180	180		
		Platinum iridium	P			175	175	175	175	175	175	175	175	175	175		
		Others			Refer to Option table of Electrodes												
VI	Ground rings	SUS316	S			0	0	0	0	0	0	0	0	0	0		
		Hastelloy C	C			57	57	57	57	72	72	93	112	134	170		
		Titanium	K			52	52	52	52	67	67	82	99	124	155		
		Zirconium	H			104	104	104	104	134	134	164	198	248	305	10	
		Tantalum	T			103	103	103	103	113	113	134	161	206	258		
		Platinum iridium	P			149	149	149	149	160	160	185	222	256	338		
		Others			Refer to Option table of Grounding rings												
VII	Electrical connection/ Watertight gland	Integral type	1			0	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	10		
			G1/2 internal thread/with brass (Ni-plated) watertight gland	3		15	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	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	10	7	
			CM20 internal thread/without watertight gland	6		10	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	10	7	
			G1/2 internal thread/with SUS304 watertight gland	8		40	40	40	40	40	40	40	40	40	40		
VIII	Face to face dimension	Standard	A			0	0	0	0	0	0	0	0	0	0		
		Others			Refer to Option table of Face to face dimension												
IX	Installation/ Wiring direction	Integral type	H			0	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	0		
			Downstream side (Horizontal / Vertical piping mounting)	B		0	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	0		
			Horizontal piping mounting / Right side viewed from upstream	D		0	0	0	0	0	0	0	0	0	0	0	
X	Calibration	Standard	A			0	0	0	0	0	0	0	0	0	0		
		+/- 0.35% of rate calibration	U				3	3	3	3	3	3	3	3			
		Others			Refer to Option table of calibration												
XI	Finish	Standard	X			0	0	0	0	0	0	0	0	0	0		
		Corrosion-resistant finish	1		5	5	5	5	5	5	5	5	5	5	5		
		Corrosion-proof finish	2		10	10	10	10	10	10	10	10	10	10	10		

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

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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	Yamatake Version (Must be selected)	0	
	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	
	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 (week)
Option	Y	Yamatake Version (Must be selected)	0	
	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 (week)
A	Alloy 20	80	10
E	SUS304	20	10
M	Monel	60	10
N	Nickel	120	10
S	SUS316	20	10
1	SUS316L Protruded Electrode (Note 1)	55	10
2	SUS316L Alumina Specification Protruded Electrode w/flat tip (Note 1)	80	10
3	SUS316L Alumina Specification Protruded Electrode w/pointed tip (Note 1)	70	10

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

Option table of Calibration		Additional Price	Lead time (week)
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 YEWMAG / YM, CYM(1,2), Tantalum / Platinum		30	39	50	60	80	Refer to factory basis
C	YOKOGAWA ADMAG / AM, AE(1,2), Tantalum / Platinum		30	39	50	60	80	Refer to factory basis
P	YOKOGAWA YEWMAG / ADMAG, other than Tantalum / Platinum		30	39	50	60	80	Refer to factory basis
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	

1: Teflon liner

2: Polyurethane rubber liner

3: Ceramic Liner

4: Tefzel 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 80 mm 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 (Flange type 250 mm - 600 mm, PFA/ETFE liner)

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.

Issued : Oct. 31, 2001	Page : 2-1-11
Effective : May. 13, 2005	UNIT : 1000YEN

Option 1 must be specified for Standard version				Basic price / Additional price								Lead time	
Basic Model No.		MGG18F		250 mm	300 mm	350 mm	400 mm	450 mm	500 mm	600 mm			
I	Diameter	250 mm	250		1878							6	
		300 mm	300			2736						6	
		350 mm	350				3280					6	
		400 mm	400					4035				6	
		450 mm	450						4810			8	
		500 mm	500							5610		8	
		600 mm	600								6270	8	
II	Liner	ETFE	E		0	0	0	0	0	0	0	+2	
		PFA	P		42	54	70	85	100	100	140		
III	Piping connection	Flange JIS10K	J1		0	0	0	0	0	0	0	14	
		Flange JIS20K	J2		100	140	196	274	384	384	537		
		Flange ANSI150	A1		0	0	0	0	0	0	0		
		Flange ANSI300 (Note 1)	A2		100	140	196	274					
		Flange JIS G3451 F12	G1		0	0	0	0	0	0	0		
		Flange DIN PN10	D1		0	0	0	0	0	0	0		
		Flange DIN PN16	D2		110	154	216	301	422	422	590		
		Flange DIN PN25	D3		110	154	216	301	422	422	590		
		Flange JPI150	P1		0	0	0	0	0	0	0		
		Flange JPI300 (Note 1)	P2		100	140	196	274					
IV	Flange material	Standard	1		0	0	0	0	0	0	0		
		Others			Refer to Option table of Flange Material								
V	Electrodes	SUS316L	L		0	0	0	0	0	0	0	10	
		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		
		Tantalum	T		120	120	120	120	120	120	120		
		Tungsten carbide	W		180	180	180	180	180	180	180		
		Platinum iridium	P		210	210	210	210	210	210	210		
		Others			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			Refer to Option table of Grounding rings								
VII	Electrical connection/ Watertight gland	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	Must be selected for CSA/FM NI Approval	10	10	10	10	10	10		10
			CM20 internal thread/without watertight gland	6		10	10	10	10	10	10		10
			Pg13.5 internal thread/without watertight gland	7		10	10	10	10	10	10		10
			G1/2 internal thread/with SUS304 watertight gland	8		40	40	40	40	40	40		40
VIII	Face to face dimension	Standard	A		0	0	0	0	0	0	0		
		Others			Refer to Option table of Face to face dimension								
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 piping 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		
		+/- 0.35% of rate calibration	U		3	3	3						
		Others			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		

Note 1: Size 400 mm (16 inches) or smaller.

MagneW 3000 PLUS

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

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

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

Issued : Oct. 31, 2001	Page : 2-1-12
Effective : Jul. 1, 2005	UNIT : 1000YEN

Remote type			Additional price	Lead time (Weeks)
Option	Y	Yamatake Version (Must be selected)	0	
	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	
	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 (Note 3)	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	
	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 (Note 3)	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	1367

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

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	250	300	350	400	500	600	Lead time
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 YEWMA / 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	285	320

1: Teflon liner 2: Polyurethane rubber liner

3: Ceramic Liner 4: Tefzel liner

Option table of flange material (Flange material: SUS304)

	Diameter	250	300	350	400	500	600	Lead time
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	4000	5376	10
	Flange JIS G3451 F12 (Diameter 80 mm or larger)	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	4000	5376	10

MagneW3000 PLUS

Detector (Wafer type 25 mm - 200 mm, polyurethane rubber liner)

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.

Issued : Oct. 31, 2001	Page : 2-1-13
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Option "Y" must be specified for Yamatake Version				Basic price / Additional price										Lead time										
Lead-time : After receipt of order(s), ex-factory basis.				25 mm	40 mm	50 mm	65 mm	80 mm	100 mm	125 mm	150 mm	200 mm												
Basic Model No.		MGG18D																						
I	Diameter	25 mm	025											244	9									
		40 mm	040											264	9									
		50 mm	050											295	9									
		65 mm	065											335	9									
		80 mm	080											377	9									
		100 mm	100											463	9									
		125 mm	125											594	9									
		150 mm	150											700	9									
		200 mm	200											936	9									
II	Liner	Polyurethane rubber	Q											0	0	0	0	0	0	0	0	0	0	
III	Piping connection	Wafer JIS10K	11											0	0	0	0	0	0	0	0	0	0	
		Wafer JIS20K	12											0	0	0	0	0	0	0	0	0	0	
		Wafer JIS30K	13											0	0	0	0	0	0	0	0	0	0	
		Wafer ANSI150	21											0	0	0	0	0	0	0	0	0	0	
		Wafer ANSI300	22											0	0	0	0	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	0	0	0	0	
		Wafer DIN PN16	42											0	0	0	0	0	0	0	0	0	0	
		Wafer DIN PN25	43											0	0	0	0	0	0	0	0	0	0	
		Wafer DIN PN40	44											0	0	0	0	0	0	0	0	0	0	
		Wafer JPI150	61											0	0	0	0	0	0	0	0	0	0	
		Wafer JPI300	62											0	0	0	0	0	0	0	0	0	0	
IV	Electrodes	SUS316L	L											0	0	0	0	0	0	0	0	0	0	
		Titanium	K											41	41	41	41	41	41	41	41	41	41	
		Tungsten carbide	W											180	180	180	180	180	180	180	180	180	180	
		Others	□											Refer to option table of electrodes										
V	Ground rings	SUS316	S											0	0	0	0	0	0	0	0	0	0	
		Titanium	K											52	52	52	67	67	82	99	124	155	155	
		Others	□											Refer to option table of grounding rings										
VI	Electrical connection/ Watertight gland	Integral type	1											0	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	10
			G1/2 internal thread / with brass(Ni-plated) watertight gland	3											15	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	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	40
VII	Face to face dimensions	Standard	A											0	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	0	
		Remote type	Upstream side (Horizontal / Vertical piping mounting)	A											0	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	0
			Horizontal piping mounting / Left side viewed from upstream	C											0	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	0
IX	Calibration	Standard	A											0	0	0	0	0	0	0	0	0	0	
		+/- 0.35% of rate calibration	U												3	3	3	3	3	3	3	3	3	
		Others	□											Refer to option table of calibration										
X	Finish	Standard	X											0	0	0	0	0	0	0	0	0	0	
		Corrosion-resistant finish	1											5	5	5	5	5	5	5	5	5	5	
		Corrosion-proof finish	2											10	10	10	10	10	10	10	10	10	10	
XI	Bolt / nuts	None	X											0	0	0	0	0	0	0	0	0	0	
		Carbon steel	1											3	3	3	9	9	9	9	9	22	22	
		SUS304	2											5	5	5	20	20	20	20	20	40	40	

MagneW3000 PLUS

Detector (Flange type 25 mm - 200 mm, polyurethane rubber liner)

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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	
	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	
	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 (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. 15 mm (1.5 mm), Dia. 25 mm (2 mm), Dia. 40 - 200 mm (3 mm)

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	25	40	50	65	80	100	125	150	200	Lead time
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

Detector (Flange type 25 mm - 200 mm, polyurethane rubber liner)

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

Option 1 must be specified for Tanalake version Lead-time : After receipt of order(s), ex-factory basis.					Basic price / Additional price										Lead time	
					25 mm	40 mm	50 mm	65 mm	80 mm	100 mm	125 mm	150 mm	200 mm			
Basic Model No. MGG18F																
I	Diameter	25 mm	025		244											
		40 mm	040			264										
		50 mm	050				295									
		65 mm	065					335								
		80 mm	080						377							
		100 mm	100							463						
		125 mm	125								594					
		150 mm	150									700				
		200 mm	200										936			
II	Liner	Polyurethane rubber	Q		0	0	0	0	0	0	0	0	0	0		
III	Piping connection	Flange JIS10K	J1		54	58	64	73	81	102	160	214	478			
		Flange JIS20K	J2		70	75	83	93	106	133	215	269	558			
		Flange JIS30K	J3		90	100	106	125	140	171	246	360	737			
		Flange ANSI150	A1		54	58	64	73	81	102	160	214	478			
		Flange ANSI300	A2		70	75	83	103	122	153	215	269	558			
		Flange JIS G3451 F12 (Diameter 80 mm or larger)	G1						106	133	160	214	478			
		Flange DIN PN10	D1		70	75	83	94	106	133	160	214	478			
		Flange DIN PN16	D2		70	75	83	94	106	171	215	269	558			
		Flange DIN PN25	D3		90	97	107	118	137	171	253	407	801			
		Flange DIN PN40	D4		90	97	107	118	137	171	253	407	801			
		Flange JPI150	P1		54	58	64	73	81	102	160	214	478			
		Flange JPI300	P2		70	75	83	103	122	153	215	269	558			
IV	Flange material	Standard	1		0	0	0	0	0	0	0	0	0	0		
		Others			Refer to option table of flange material											
V	Electrodes	SUS316L	L		0	0	0	0	0	0	0	0	0	0		
		Titanium	K		41	41	41	41	41	41	41	41	41	41		
		Tungsten carbide	W		180	180	180	180	180	180	180	180	180	180		
		Others			Refer to Option table of Electrodes											
VI	Ground rings	SUS316	S		0	0	0	0	0	0	0	0	0	0		
		Titanium	K		52	52	52	67	67	82	99	124	155			
		Others			Refer to option table of grounding rings											
VII	Electrical connection/ Watertight gland	Integral type	1		0	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	10	
			G1/2 internal thread / with brass (Ni-plated) watertight gland	3		15	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	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	10	
			CM20 internal thread / without watertight gland	6		10	10	10	10	10	10	10	10	10	10	
			Pg13.5 internal thread / without watertight gland	7		10	10	10	10	10	10	10	10	10	10	
			G1/2 internal thread/with SUS304 watertight gland	8		40	40	40	40	40	40	40	40	40	40	
VIII	Face to face dimensions	Standard	A		0	0	0	0	0	0	0	0	0	0		
IX	Installation/ Wiring direction	Integral type	H		0	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	0	
			Downstream side (Horizontal / Vertical piping mounting)	B		0	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	0	
			Horizontal piping mounting / Right side viewed from upstream	D		0	0	0	0	0	0	0	0	0	0	0
X	Calibration	Standard	A		0	0	0	0	0	0	0	0	0	0		
		+/- 0.35% of rate calibration	U		3	3	3	3	3	3	3	3	3	3		
		Others			Refer to option table of calibration											
					-											
XI	Finish	Standard	X		0	0	0	0	0	0	0	0	0	0		
		Corrosion-resistant finish	1		5	5	5	5	5	5	5	5	5	5		
		Corrosion-proof finish	2		10	10	10	10	10	10	10	10	10	10	10	

MagneW3000 PLUS

Detector (Wafer type 25 mm - 200 mm, polyurethane liner)

Issued : Oct. 31, 2001	Page : 2-1-16
Effective : Jul. 1, 2005	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	
	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 (Note 3)	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 (week)
Option	Y	Yamatake Version (Must be selected)	0	
	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 (Note 3)	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. 15 mm (1.5 mm), Dia. 25 mm (2 mm), Dia. 40 - 200 mm (3 mm)

Optional table of Calibration			Additional price	Lead time (week)
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 (mm)	25	40	50	65	80	100	125	150	200	Lead time
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)	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 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

MagneW3000 PLUS Detector

(Wafer type 15 mm - 100 mm, ceramic (Al₂O₃ 99.7% liner)

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.

Issued : Oct. 31, 2001	Page : 2-1-17
Effective : Jul. 1, 2005	UNIT : 1000YEN

Basic Model No.				Basic price / Additional price						Lead time
				15 mm	25 mm	40 mm	50 mm	80 mm	100 mm	
I	Diameter	15 mm	015	290						Refer to factory basis
		25 mm	025		330					
		40 mm	040			375				
		50 mm	050				420			
		80 mm	080					520		
		100 mm	100						660	
II	Liner	Ceramic (Al ₂ O ₃ 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	
		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	
			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	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	
VII	Face to face dimensions	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	
			Downstream side (Horizontal/Vertical piping 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	
IX	Calibration	Standard	A	0	0	0	0	0	0	
		+/- 0.35% of rate calibration	U			3	3	3	3	
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.

MagneW3000 PLUS Detector
(Wafer type 15 mm - 100 mm, ceramic (Al₂O₃ 99.7%) liner)

Issued : Oct. 31, 2001	Page : 2-1-18
Effective : Jul. 1, 2005	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	
	B	Traceability certificate for detector	10	
	L	Attachment of the TAG number plate to the neck section for detector (Note 3)	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 (Weeks)
Option	Y	Yamatake Version (Must be selected)	0	
	B	Traceability certificate for detector	10	
	L	Attachment of the TAG number plate to the neck section for detector (Note 3)	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

MagneW3000 PLUS

Detector (Flange type 250 mm - 600 mm, Chloroprene rubber liner)

Issued : Oct. 31, 2001	Page : 2-1-19
Effective : Mar. 1, 2005	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.				Basic price / Additional price							Lead time
				250 mm	300 mm	350 mm	400 mm	450 mm	500 mm	600 mm	
I	Diameter	250 mm	250	1780							8
		300 mm	300		2370						8
		350 mm	350			2950					8
		400 mm	400				3600				8
		450 mm	450					4290			10
		500 mm	500						5090		10
		600 mm	600							5700	10
II	Liner	Chloroprene rubber	R		0	0	0	0	0	0	
III	Piping connection	Flange JIS10K	J1		0	0	0	0	0	0	
		Flange ANSI150	A1		0	0	0	0	0	0	14
		Flange JIS G3451 F12 (Diameter 80 mm or larger)	G1		0	0	0	0	0	0	14
		Flange DIN PN10	D1		0	0	0	0	0	0	14
		Flange JPI150	P1		0	0	0	0	0	0	14
IV	Flange Material	Standard	1		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	
		Titanium	K		41	41	41	41	41	41	
		Tungsten carbide	W		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	
		Titanium	K		200	240	240	360	480	480	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	
		Remote type G1/2 internal thread/without watertight gland	2		10	10	10	10	10	10	
		Remote type G1/2 internal thread/with brass(Ni-plated) watertight gland	3		15	15	15	15	15	15	
		Remote type G1/2 internal thread/with plastic watertight gland	4		12	12	12	12	12	12	
		Remote type 1/2NPT internal thread/without watertight gland	5		10	10	10	10	10	10	7
		Remote type CM20 internal thread/without watertight gland	6		10	10	10	10	10	10	7
		Remote type Pg13.5 internal thread/without watertight gland	7		10	10	10	10	10	10	7
		Remote type G1/2 internal thread/with SUS304 watertight gland	8		40	40	40	40	40	40	
VIII	Face to face dimension	Standard	A		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	
		Remote type Upstream side (Horizontal / Vertical piping mounting)	A		0	0	0	0	0	0	
		Remote type Downstream side (Horizontal / Vertical piping mounting)	B		0	0	0	0	0	0	
		Remote type Horizontal piping mounting / Left side viewed from upstream	C		0	0	0	0	0	0	
		Remote type Horizontal piping mounting / Right side viewed from upstream	D		0	0	0	0	0	0	
X	Calibration	Standard	A		0	0	0	0	0	0	
		+/- 0.35% of rate calibration	U		3	3	3				
		Others	<input type="checkbox"/>		Refer to Option table of calibration						
XI	Finish	Standard	X		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

MagneW3000 PLUS

Detector (Flange type 250 mm - 600 mm, Chloroprene rubber liner)

Issued : Nov. 30, 2001	Page : 2-1-20
Effective : Jul. 1, 2005	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	Yamatake version (Must be selected)	0	
	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 (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 (week)
Option	Y	Yamatake Version (Must be selected)	0	
	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 (Note 3)	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 (week)
E	SUS304	20	10
S	SUS316	20	10

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

Optional table of Calibration

		Additional price	Lead Time (week)
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 (mm)						Lead time
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 (mm)						Lead time
P	YOKOGAWA YEWAG / 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	285	320	

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
4	Flange JIS10K	325	391	510	650	1000	1376	10
	Flange ANSI150	650	782	1020	1300	2000	2752	10
	Flange JIS G3451 F12 (Diameter 80 mm 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 FLEX Detector
(Flange type 700 mm - 1100 mm, chloroprene rubber liner)

Issued : Oct. 31, 2001	Page : 2-1-21
Effective : Feb. 1, 2005	UNIT : 1000YEN

MGG11F - I II III IV V I 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 price / Additional price					Lead time		
Model No.		MGG11F			700 mm	800 mm	900 mm	1000 mm	1100 mm			
I	Diameter	700 mm	700			7400					23	
		800 mm	800				8600				23	
		900 mm	900					9730			23	
		1000 mm	10H						10950		23	
		1100 mm	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 80 mm 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	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 rings						
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 piping 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 FLEX

Detector (Flange type 700 mm - 1100 mm, chloroprene rubber liner)

Issued : Oct. 31, 2001	Page : 2-1-22
Effective : Jul. 1, 2005	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	
	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 (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	
	B	Traceability certificate for detector	10	
	C	Material certificate (only for electrodes and grounding rings)	45	7
	L	Attachment of the TAG number plate to the neck section for detector (Note 3)	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 (Weeks)
J	2 points single range (0, 100%)		100	7
K	2 points dual range (0, 100%)		100	7

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

Issued : Oct. 31, 2001	Page : 2-1-23
Effective : Dec. 1, 2003	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.

Option 1 must be specified for Yamatake version					Basic price / Additional price				Lead time	
Basic Model No.		MGG18U			2.5 mm	5 mm	10 mm	15 mm		
I	Diameter	2.5 mm	002		309				5	
		5 mm	005			278			5	
		10 mm	010				258		5	
		15 mm	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 (2.5/5 mm)	U5		50	50	50	50		
		Union joint R1/4NPT external thread (2.5/5 mm)	U6		50	50	50	50		
		Union joint R1/4 (PT1/4) internal thread (2.5/5 mm)	U7		50	50	50	50		
		Union joint 1/4NPT internal thread (2.5/5 mm)	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 10 mm or more)	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 dimensions	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 2.5 mm - 15 mm, PFA liner)

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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	
	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 (Note 3)	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 (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	
	B	Traceability certificate for detector	10	
	C	Material certificate (only for electrodes and grounding rings)	45	7
	L	Attachment of the TAG number plate to the neck section for detector (Note 3)	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 (Weeks)
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