

**MagneW 3000 PLUS Submersible detector with FM/CSA
NI approval (Wafer type 15 mm - 200 mm, PFA/ETFE liner)**

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Effective: Feb. 1, 2012	UNIT: 1000YEN

MGG19D - I II III IV V VI VII VIII IX X XI - XII XIII - Y/ Option (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.		MGG19D		Basic price / Additional price										Lead time		
				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		313										6	
		25 mm	025			340									6	
		40 mm	040				360								6	
		50 mm	050					391							6	
		65 mm	065						430						6	
		80 mm	080							464					6	
		100 mm	100								561				6	
		125 mm	125									705			6	
		150 mm	150										849		6	
		200 mm	200											1160	6	
II	Liner	ETFE (Note 1)		E						0	0	0	0	0		
		PFA		P							3	5	5	9	15	
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 G3443-2 F12 (Diameter 80 or larger)	31		/	/	/	/	/	/	0	0	0	0	0	
		Wafer DIN PN10	41		0	0	0	0	0	0	0	0	0	0	0	
		Wafer DIN PN16	42		0	0	0	0	0	0	0	0	0	0	0	
		Wafer DIN PN25	43		0	0	0	0	0	0	0	0	0	0	0	
		Wafer DIN PN40	44		0	0	0	0	0	0	0	0	0	0	0	
		Wafer JPI150	61		0	0	0	0	0	0	0	0	0	0	0	
		Wafer JPI300	62		0	0	0	0	0	0	0	0	0	0	0	
V	Electrodes	SUS316L	L		0	0	0	0	0	0	0	0	0	0		
		ASTM B574 (Hastelloy C-276 equivalent)	C		36	36	36	36	36	36	36	36	36	36	36	
		Titanium	K		41	41	41	41	41	41	41	41	41	41	41	
		Zirconium	H		170	170	170	170	170	170	170	170	170	170	170	
		Tantalum	T		103	103	103	103	103	103	103	103	103	103	103	
		Tungsten carbide	W		180	180	180	180	180	180	180	180	180	180	180	
		Platinum iridium	P		175	175	175	175	175	175	175	175	175	175	175	
		Others	<input type="checkbox"/>		Refer to option table of electrodes											
VII	Ground rings	SUS316	S		0	0	0	0	0	0	0	0	0	0		
		ASTM B575 (Hastelloy C-276 equivalent)	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	P		149	149	149	149	160	160	185	222	256	338		
		Others	<input type="checkbox"/>		Refer to option table of grounding rings											
VIII	Electrical connection / Watertight gland	Remote type	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 SUS304 watertight gland	8	40	40	40	40	40	40	40	40	40	40		
IX	Face to face dimension	Standard		A	0	0	0	0	0	0	0	0	0	0		
		Others		<input type="checkbox"/>	Refer to option table of face to face dimension											
X	Installation/Wiring direction	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	0	
			Horizontal piping mounting / Right side viewed from upstream	D	0	0	0	0	0	0	0	0	0	0	0	
XI	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		<input type="checkbox"/>	Refer to option table of calibration											
XII	Finish	Standard		X	0	0	0	0	0	0	0	0	0	0		
XIII	Bolt / nuts	None		X	0	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.

Note2: The model MGA12W cable must be ordered when MGG19 type detector is ordered.

**MagneW 3000 PLUS Submersible detector with
FM/CSA NI approval (Wafer type 15 mm - 200 mm, PFA/ETFE liner)**

Issued: Oct. 31, 2001	Page: 2-1-42
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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

Option		Additional price	Lead time (weeks)
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 : Either "K" or "L" 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
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	40
2	SUS316L Alumina Specification Protuded Electrode w/flat tip (Note 1)	80	40
3	SUS316L Alumina Specification Protuded Electrode w/pointed tip (Note 1)	70	40

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 (mm)	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 (mm)	15	25	40	50	80	100	150	200	Lead time
B	YOKOGAWA YEW MAG / YM, CYM(1,2), Tantalum / Platinum	Refer to factory basis				20	26	40	53	Refer to factory basis
C	YOKOGAWA ADMAG / AM, AE(1,2), Tantalum / Platinum	Refer to factory basis				20	26	40	53	
P	YOKOGAWA YEW MAG / 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)	Refer to factory basis								
Q	Fuji FMQ/FMS (1, 2, 3), FMA/FMB									

1: Teflon liner

2: Polyurethane rubber liner

3: Ceramic Liner

4: Tefzel liner

MagneW 3000 PLUS Submersible detector with FM/CSA
NI approval (Flange type 15 mm - 200 mm, PFA/ETFE liner)

Issued: Oct. 31, 2001	Page: 2-1-43
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MGG19F - 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 : After receipt of order(s), ex-factory basis.

Basic Model No.	MGG19F	Basic price / Additional price										Lead time											
		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																			5	
		25 mm	025																				5
		40 mm	040																				5
		50 mm	050																				5
		65 mm	065																				5
		80 mm	080																				5
		100 mm	100																				5
		125 mm	125																				5
		150 mm	150																				5
		200 mm	200																				5
II	Liner	ETFE	E							0	0	0	0	0	0	0	0	0	0	0	0	5	
		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				
		Flange ANSI150	A1							47	54	58	64	73	81	102	160	214	478				
		Flange ANSI300	A2							62	70	75	83	103	122	153	215	269	558				
		Flange JIS G3443-2 F12 (Diameter 80 mm or larger)	G1													106	133	160	214	478			
		Flange DIN PN10	D1								62	70	75	83	94	106	133	160	214	478			
		Flange DIN PN16	D2								62	70	75	83	94	106	171	215	269	558			
		Flange DIN PN25	D3								80	90	97	107	118	137	171	253	407	801			
		Flange DIN PN40	D4								80	90	97	107	118	137	171	253	407	801			
		Flange JPI450	P1								47	54	58	64	73	84	102	160	214	478			
		Flange JPI300	P2								62	70	75	83	103	122	153	215	269	558			
IV	Flange material	Standard	1							0	0	0	0	0	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	0	0	0	0	0	
		ASTM B574 (Hastelloy C-276 equivalent)	C							36	36	36	36	36	36	36	36	36	36	36	36	36	
		Titanium	K							41	41	41	41	41	41	41	41	41	41	41	41	41	
		Zirconium	H							170	170	170	170	170	170	170	170	170	170	170	170	170	
		Tantalum	T							103	103	103	103	103	103	103	103	103	103	103	103	103	
		Tungsten carbide	W							180	180	180	180	180	180	180	180	180	180	180	180	180	
		Platinum iridium	P							175	175	175	175	175	175	175	175	175	175	175	175	175	
		Others	<input type="checkbox"/>							Refer to option table of electrodes													
VII	Ground rings	SUS316	S							0	0	0	0	0	0	0	0	0	0	0	0	0	
		ASTM B575 (Hastelloy C-276 equivalent)	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				
		Tantalum	T							103	103	103	103	113	113	134	161	206	258				
		Platinum	P							149	149	149	149	160	160	185	222	256	338				
		Others	<input type="checkbox"/>							Refer to option table of grounding rings													
VI	Electrical connection / Watertight gland	Remote type																					
		G1/2 internal thread / with brass(Ni-plated) watertight gland	3							15	15	15	15	15	15	15	15	15	15	15	15	15	
		G1/2 internal thread / with SUS304 watertight gland	8						40	40	40	40	40	40	40	40	40	40	40	40	40	40	
VII	Face to face dimension	Standard	A							0	0	0	0	0	0	0	0	0	0	0	0	0	
		Others	<input type="checkbox"/>						Refer to option table of face to face dimension														
VIII	Installation / Wiring direction	Remote type																					
		Upstream side (Horizontal / Vertical piping mounting)	A							0	0	0	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	0	0	0	
		Horizontal piping mounting / Left side viewed from upstream	C							0	0	0	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	0	0		
IX	Calibration	Standard	A							0	0	0	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	3	3	3	
		Others	<input type="checkbox"/>						Refer to option table of calibration														
XI	Finish	Standard	X						0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note1: The model MGA12W cable must be ordered when MGG19 type detector is ordered.

MagneW 3000 PLUS Submersible detector with FM/CSA NI approval (Flange type 250 mm - 600 mm, PFA/ETFE liner)

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MGG19F - 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 : After receipt of order(s), ex-factory basis.

Basic Model No.	MGG19F		Basic price / Additional price							Lead time		
			250 mm	300 mm	350 mm	400 mm	450 mm	500 mm	600 mm			
I	Diameter	250 mm (10 inches)	250	2300								8
		300 mm (12 inches)	300		3210							8
		350 mm (14 inches)	350			3900						8
		400 mm (16 inches)	400				4930					8
		450 mm (18 inches)	450					6150				10
		500 mm (20 inches)	500						6150			10
		600 mm (24 inches)	600							7050		10
II	Liner	ETFE	E	0	0	0	0	0	0	0	0	
		PFA	P	42	54	70	85	100	100	140	140	+1
III	Piping connection	Flange JIS10K	J1	0	0	0	0	0	0	0	0	
		Flange JIS20K	J2	100	140	196	274	384	384	537	537	
		Flange ANSI150	A1	0	0	0	0	0	0	0	0	14
		Flange ANSI300 (Note 1)	A2	100	140	196	274					14
		Flange JIS G3443-2 F12	G1	0	0	0	0	0	0	0	0	14
		Flange DIN PN10	D1	0	0	0	0	0	0	0	0	14
		Flange DIN PN16	D2	110	154	216	301	422	422	590	590	14
		Flange DIN PN25	D3	110	154	216	301	422	422	590	590	14
		Flange JPI150	P1	0	0	0	0	0	0	0	0	14
Flange JPI300	P2	100	140	196	274					14		
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	
		ASTM B574 (Hastelloy C-276 equivalent)	C	36	36	36	36	36	36	36	36	
		Titanium	K	41	41	41	41	41	41	41	41	
		Zirconium	H	170	170	170	170	170	170	170	170	10
		Tantalum	T	120	120	120	120	120	120	120	120	
		Tungsten carbide	W	180	180	180	180	180	180	180	180	
		Platinum iridium	P	210	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	0	
		ASTM B575 (Hastelloy C-276 equivalent)	C	200	240	240	360	480	480	600	600	
		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	Remote type G1/2 internal thread/with brass (Ni-plated) watertight gland	3	15	15	15	15	15	15	15	15	
		Remote type 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	Remote type Upstream side (Horizontal / Vertical piping mounting)	A	0	0	0	0	0	0	0	0	
		Remote type Downstream side (Horizontal / Vertical piping mounting)	B	0	0	0	0	0	0	0	0	
		Remote type Horizontal piping mounting / Left side viewed from upstream	C	0	0	0	0	0	0	0	0	
		Remote type 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	
		+/- 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	0	0	

Note 1: Size 16 inches or smaller.

Note2: The model MGA12W cable must be ordered when MGG19 type detector is ordered.

**MagneW 3000 PLUS Submersible detector with
FM/CSA NI approval (Flange type 250mm - 600mm, PFA/ETFE**

Issued: Oct. 31, 2001	Page: 2-1-46
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liner)

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	7	
	B Traceability certificate for detector	10		
	C Material certificate (only for electrodes and grounding rings)	45		
	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		8
F Oil free treatment	50			

Note 3 : Either "K" or "L" 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 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 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 Grounding rings material

	Diameter (mm)	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 (mm)	250	300	350	400	500	600	Lead time
P	YOKOGAWA YEW MAG / ADMAG, other than Tantalum / Platinum	96	135	168	206	285	320	Refer to factory basis
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, 2)	192	270	336	412	570	640	
N	Yamatake MagneW3000 / KID (1, 2)	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)	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	/	/	10
	Flange JIS G3443-2 F12 (Diameter 80mm 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	/	/	10

MagneW 3000 PLUS Submersible detector with FM/CSA NI approval (Wafer type 25mm - 200mm, Polyurethane rubber liner)

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MGG19D - 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.				Basic price / Additional price										Lead time								
				25 mm	40 mm	50 mm	65 mm	80 mm	100 mm	125 mm	150 mm	200 mm										
I	Diameter	25 mm	025		279																9	
		40 mm	040			302																9
		50 mm	050				337															9
		65 mm	065					400														9
		80 mm	080						439													9
		100 mm	100							517												9
		125 mm	125								669											9
		150 mm	150									758										9
	200 mm	200									1056									9		
II	Liner	Polyurethane rubber	Q		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	
III	Piping connection	Wafer JIS10K	11		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	
		Wafer JIS20K	12		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
		Wafer JIS30K	13		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
		Wafer ANSI150	21		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
		Wafer ANSI300	22		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
		Wafer JIS G3443-2 F12 (Diameter 80 or larger)	31		/	/	/	/	/	0	0	0	0	0	0	0	0	0	0	0	0	9
		Wafer DIN PN10	41		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
		Wafer DIN PN16	42		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
		Wafer DIN PN25	43		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
		Wafer DIN PN40	44		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
		Wafer JPI150	61		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Wafer JPI300	62		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		
IV	Electrodes	SUS316L	L		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	
		Titanium	K		41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	9
		Tungsten carbide	W		180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	9
		Others	□		Refer to option table of electrodes										9							
V	Ground rings	SUS316	S		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	
		Titanium	K		52	52	52	67	67	82	99	124	155									9
		Others	□		Refer to option table of grounding rings										9							
VI	Electrical connection / Watertight gland	Remote type	G1/2 internal thread/with brass (Ni-plated) watertight gland	3		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	9	
			G1/2 internal thread/with SUS304 watertight gland	8		40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	9
VII	Face to face dimension	Standard	A		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	
VIII	Installation / Wiring direction	Remote type	Upstream side (Horizontal / Vertical piping mounting)	A		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
			Downstream side (Horizontal / Vertical piping mounting)	B		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
			Horizontal piping mounting / Left side viewed from upstream	C		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
			Horizontal piping mounting / Right side viewed from upstream	D		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
IX	Calibration	Standard	A		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	
			+/- 0.35% of rate calibration	U			3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	9
			Others	□		Refer to option table of calibration										9						
X	Finish	Standard	X		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	
XI	Bolt/nuts	None	X		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
			Carbon steel	1		3	3	3	9	9	9	9	9	9	9	9	9	9	9	9	9	22
			SUS304	2		5	5	5	20	20	20	20	20	20	20	20	20	20	20	20	20	40

Note1: The model MGA12W cable must be ordered when MGG19 type detector is ordered.

MagneW 3000 PLUS Submersible detector with FM/CSA NI approval (Wafer type 25mm - 200mm, Polyurethane rubber liner)

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

Remote type

		Additional price	Lead time (Weeks)
Option	Y Yamatake Version (Must be selected)	0	7
	B Traceability certificate for detector	10	
	C Material certificate (only for electrodes and grounding rings)	45	
	J W/ Gasket for plastic piping	Refer to table of gasket	8
	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	
	E Water free treatment	40	8
F Oil free treatment	50		

Note 3 : Either "K" or "L" 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
A	Alloy 20	80	10
E	SUS304	20	10
S	SUS316	20	10
1	SUS316L Protruded Electrode (Note 1)	55	40
2	SUS316L Alumina Specification Protruded Electrode w/flat tip (Note 1)	80	40
3	SUS316L Alumina Specification Protruded Electrode w/pointed tip (Note 1)	70	40

Note 1: Protrusion : 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 (mm)									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 grounding rings	Refer to factory basis									
L	SUS316L	25	25	25	25	30	40	60	60	70	7

MagneW 3000 PLUS Submersible detector with FM/CSA NI approval (Flange type 25 mm - 200 mm, Polyurethane rubber liner)

MGG19F - 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 : After receipt of order(s), ex-factory basis.

Basic Model No.				Basic price / Additional price										Lead time			
				25 mm	40 mm	50 mm	65 mm	80 mm	100 mm	125 mm	150 mm	200 mm					
I	Diameter	25 mm	025	279												9	
		40 mm	040		302												9
		50 mm	050			337											9
		65 mm	065				333										9
		80 mm	080					439									9
		100 mm	100						517								9
		125 mm	125							669							9
		150 mm	150								758						9
		200 mm	200									1056					9
II	Liner	Polyurethane rubber Q		0	0	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 G3443-2 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	133	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 JPH50	P4	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					
V	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	W	180	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	0					
		Titanium	K	52	52	52	67	67	82	99	124	155					
		Others	<input type="checkbox"/>	Refer to option table of grounding rings													
VII	Electrical connection/ Watertight gland	Remote type	G1/2 internal thread/with brass (Ni-plated) watertight gland	3	15	15	15	15	15	15	15	15					
		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	0					
IX	Installation/ Wiring direction	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						
			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	0					
		+/- 0.35% of rate calibration	U		3	3	3	3	3	3	3						
		Others	<input type="checkbox"/>	Refer to option table of calibration													
XI	Finish	Standard	X	0	0	0	0	0	0	0	0	0					

Note1: The model MGA12W cable must be ordered when MGG19 type detector is ordered.

**MagneW 3000 PLUS Submersible detector with FM/CSA NI approval
(Flange type 25mm - 200mm, Polyurethane rubber liner)**

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Effective: Mar. 1, 2011	UNIT: 1000YEN

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

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: Either "K" or "L" 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
A	Alloy 20	80	10
E	SUS304	20	
S	SUS316	20	
1	SUS316L Protruded Electrode (Note 1)	55	
2	SUS316L Alumina Specification Protruded Electrode w/flat tip (Note 1)	80	
3	SUS316L Alumina Specification Protruded Electrode w/pointed tip (Note 1)	70	

Note 1: Protrusion : 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 (mm)									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 Grounding Rings	Refer to factory basis									
L	SUS316L	25	25	25	25	30	40	60	60	70	7