

MagneW 3000 PLUS Multivariable converter

Issued : Oct. 31, 2001	Page : 2-156
Effective : Oct. 31, 2001	UNIT : 1000YEN

MGM14C - I II III IV - V VI VII VIII -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.	MGM14C	Basic price / Additional	362	Lead time	5
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I	Power supply	AC100V 50/60Hz	A		0	
		AC110V 50/60Hz	B		0	
		AC115/120V 50/60Hz	C		0	
		AC200V 50/60Hz	D		0	
		AC220V 50/60Hz	E		0	
		AC230/240V 50/60Hz	F		0	
		DC24V AC Noise filter 50Hz	G		0	
		DC24V AC Noise filter 60Hz	H		0	
II	Output signal/ communication	Volume flow 4-20mA DC output/without communication	A		0	
		Volume flow 4-20mA DC output/with communication	B		0	
		Volume flow DE output/with communication	C		0	
III	Electrical connection/ Watertight gland	G1/2 internal thread/without watertight gland	1		0	
		G1/2 internal thread/with brass(Ni-plated) watertight gland	2		10	
		G1/2 internal thread/with plastic watertight gland	3		5	
		1/2 NPT internal thread/without watertight gland	4	Must be selected for CSA/FM NI Approval	0	
		CM20 internal thread/without watertight gland	5		0	
		Pg13.5 internal thread/without watertight gland	6		0	
		G1/2 internal thread/with SUS304 watertight gland	7		15	
IV	Installation/ Wiring direction	Integral type	Horizontal piping mounting / Upstream side	A		0
			Horizontal piping mounting / Downstream side	B		0
			Horizontal piping mounting / Left side viewed from upstream	C		0
			Horizontal piping mounting / Right side viewed from upstream	D		0
			Vertical piping mounting / Downstream side (Flow direction : Downstream to upstream)	E		0
			Vertical piping mounting / Downstream side(Flow direction : Upstream to Downstream)	F		0

V	Finish	Standard	X		0
		Corrosion-resistant finish	1		5
		Corrosion-proof finish	2		10
VI	Display	None	X		0
		Main display : Instantaneous indication of flow volume in %	A		40
		Main display : Instantaneous indication of actual flow volume	B		40
		Main display : Indication of integrated flow volume (need pulse output board) Note 1	C		40
VII	Contact inputs/ outputs	None	X		0
		1 input and 1 output(Ranging function, Warning for contact input/output, etc.) Note 2	1		5
		2 inputs(Ranging function, External automatic zero adjustment input, etc.) Note 2	2		5
		2 outputs(Ranging function, Warning for contact outputs.) Note 2	3		5
VIII	Style code	None	X		0

Note 1: In case of this code, Option "B" must be selected.

Note 2: When you choose the dual range or direct/reverse switching in ranging functions, please specify the F to F4 codes from the tables below.

Code	Ranging Functions	1 input/1 output			2 outputs			Additional Price	Lead time
		2 inputs		2 outputs					
		1	2	3	1	2			
F1	Automatic switching dual range	A		A					
F2	External ranges switching	A	A						
F3	Direct/reverse automatic ranges	A		A					
F4	Direct/reverse external switching	A	A						

A : Available selection

Option	Description	Code	Additional Price	Lead time
Y	Yamatake Version (Must be selected)	Y	0	
A	Empty pipe detection function	A	0	
B	Pulse output (Open collector)	B	30	
C	Traceability certificate for converter	C	10	
D	Anti-Corrosive gas treatment	D	52	6
E	Tropicalization	E	30	6
G	Plastic Window	G	5	6
H	Indication other than SI units	H	0	6
J	Attachment of the TAG number to the terminal box for converter**Note 3	J	4	6
L	Specific color finish for converter **Note 4	L	40	6
Q	PT 1/4 Air Purge hole	Q	6	6

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

MagneW 3000 PLUS Multivariable detector (Wafer type 40 mm - 200 mm, PFA 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.

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)		
	P	Specific color finish for detector (Note 4)	40	8
	E	Water free treatment	40	
	F	Oil free treatment	50	
	M	Teflon lining heat treatment	100	

Note 3 : Must be selected for Tag No. requirement

Note 4 : Must specify Munsel No.

Table of gasket for plastic piping

Diameter (mm)	40	50	65	80	100	125	150	200
J	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

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

Option table of Grounding rings material

	Diameter (mm)	40	50	65	80	100	125	150	200	Lead time
A	Alloy 20	70	70	70	80	100	140	140	180	10
E	SUS304	10	10	10	10	10	10	10	10	7
L	SUS316L	25	25	25	30	40	60	60	70	7
N	Nickel	55	65	65	100	110	250	250	350	10

Option table of Face to face dimension

		Diameter (mm)	80	100	150	200	Lead time
B	YOKOGAWA YEW MAG / YM, CYM(1,2), Tantalum / Platinum	20	26	40	53	Refer to factory basis	
C	YOKOGAWA ADMAG / AM, AE(1,2), Tantalum / Platinum	20	26	40	53		
P	YOKOGAWA YEW MAG / ADMAG, other than Tantalum / Platinum	20	26	40	53		

1: Teflon liner

2: Polyurethane rubber liner

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 dual range(0, 5, 10, 25, 50, 75, 100%)	450	10

**MagneW 3000 PLUS Multivariable detector
(Wafer type 40mm - 200mm, Polyurethane**

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MGM18D - I II III V VII VIII IX X XI - XII XIII - 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
Basic Model No. MGM18D				40mm	50mm	65mm	80mm	100mm	125mm	150mm	200mm	
I	Diameter	40mm	040		363							5
		50mm	050			401						5
		65mm	065				452					5
		80mm	080					509				5
		100mm	100						642			5
		125mm	125							833		5
		150mm	150								1011	5
		200mm	200									1334
II	Liner	Polyurethane rubber	Q									
III	Piping connection	Wafer JIS10K	11		0	0	0	0	0	0	0	0
		Wafer JIS20K	12		0	0	0	0	0	0	0	0
		Wafer JIS30K	13		0	0	0	0	0	0	0	0
		Wafer ANSI150	21		0	0	0	0	0	0	0	0
		Wafer ANSI300	22		0	0	0	0	0	0	0	0
		Wafer DIN PN10	41		0	0	0	0	0	0	0	0
		Wafer DIN PN16	42		0	0	0	0	0	0	0	0
		Wafer DIN PN25	43		0	0	0	0	0	0	0	0
		Wafer DIN PN40	44		0	0	0	0	0	0	0	0
		Wafer JPI150	61		0	0	0	0	0	0	0	0
Wafer JPI300	62		0	0	0	0	0	0	0	0		
V	Electrodes	SUS316L	L		0	0	0	0	0	0	0	0
		Titanium	K		41	41	41	41	41	41	41	41
		Others	□		Refer to Option table of Electrodes							
VII	Ground rings	SUS316	S		0	0	0	0	0	0	0	0
		Titanium	K		52	52	67	67	82	99	124	155
		Others	□		Refer to Option table of Grounding rings							
VIII	Connection	Integral type	1		0	0	0	0	0	0	0	0
IX	Face to face dimension	Standard	A		0	0	0	0	0	0	0	0
		Others	□		Refer to Option table of Face to face dimension							
X	Installation/ Wiring direction	Integral type	H		0	0	0	0	0	0	0	0
XI	Calibration	Standard	A		0	0	0	0	0	0	0	0
		Others	□		Refer to Option table of calibration							
-												
XII	Finish	Standard	X		0	0	0	0	0	0	0	0
		Corrosion-resistant finish	1		5	5	5	5	5	5	5	5
		Corrosion-proof finish	2		10	10	10	10	10	10	10	10
XIII	Bolt/nuts	None	X		0	0	0	0	0	0	0	0
		Carbon steel	1		3	3	9	9	9	9	9	22
		SUS304	2		5	5	20	20	20	20	20	40

**MagneW 3000 PLUS Multivariable detector
(Wafer type 40mm - 200mm, PFA 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.

Integral 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 factory	8
	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	
	F	Oil free treatment	50	8
	M	Teflon lining heat treatment	100	

Note 3 : Must be selected for Tag No. requirement

Note 4 : Must specify Munsel No.

Table of gasket for plastic piping

Diameter (mm)	40	50	65	80	100	125	150	200
J	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

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 dual range(0, 5, 10, 25, 50, 75, 100%)		450	10

Option table of Grounding rings material

		Diameter (mm)								Lead time
		40	50	65	80	100	125	150	200	
A	Alloy 20	70	70	70	80	100	140	140	180	10
E	SUS304	10	10	10	10	10	10	10	10	7
L	SUS316L	25	25	25	30	40	60	60	70	7
N	Nickel	55	65	65	100	110	250	250	350	10

**MagneW 3000 PLUS Multivariable detector
(Flange type, 40mm - 200mm, PFA 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.

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	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	
M	Teflon lining heat treatment	100		

Note 3 : Must be selected for Tag No. requirement

Note 4 : Must specify Munsel No.

Table of gasket for plastic piping

Diameter (mm)	40	50	65	80	100	125	150	200
J	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

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 dual range(0, 5, 10, 25, 50, 75, 100%)	450	10

Option table of Grounding rings material

		Diameter (mm)								Lead time
		40	50	65	80	100	125	150	200	
A	Alloy 20	70	70	70	80	100	140	140	180	10
E	SUS304	10	10	10	10	10	10	10	10	7
L	SUS316L	25	25	25	30	40	60	60	70	7
N	Nickel	55	65	65	100	110	250	250	350	10

Option table of Face to face dimension

		Diameter (mm)			
		80	100	150	200
B	YOKOGAWA YEW MAG / YM, CYM(1,2), Tantalum / Platinum	30	39	60	80
C	YOKOGAWA ADMAG / AM, AE(1,2), Tantalum / Platinum	30	26	40	53
P	YOKOGAWA YEW MAG / ADMAG, other than Tantalum / Platinum	30	26	40	53

1: Teflon liner

2: Polyurethane rubber liner