

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 Model No. | | Basic price / Additional price | | | Lead time | | | | |
|-----------------|--|--|---|-------|---|-----|-----|-----|---|
| | | 2.5 mm | 5 mm | 10 mm | | | | | |
| 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 | <input type="checkbox"/> | | 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 | <input type="checkbox"/> | | Refer to option table of grounding rings | | | | |
| VI | Electrical connection/ Watertight gland | Integral type | 1 | | 0 | 0 | 0 | | |
| | | Remote type | G1/2 internal thread/ without watertight gland | 2 | | 10 | 10 | 10 | |
| | | | G1/2 internal thread/ with brass (Ni-plated) watertight gland | 3 | | 15 | 15 | 15 | |
| | | | G1/2 internal thread/with plastic watertight gland | 4 | | 12 | 12 | 12 | |
| | | | 1/2NPT internal thread/ without watertight gland | 5 | Must be selected for CSA/FM NI Approval | 10 | 10 | 10 | 7 |
| | | | CM20 internal thread/ without watertight gland | 6 | | 10 | 10 | 10 | 7 |
| | | | Pg13.5 internal thread/ without watertight gland | 7 | | 10 | 10 | 10 | 7 |
| | | | G1/2 internal thread/ with SUS304 watertight gland | 8 | | 40 | 40 | 40 | |
| VII | Face to face dimension | Standard | A | | 0 | 0 | 0 | | |
| | | Others | <input type="checkbox"/> | | Refer to option table of face to face dimension | | | | |
| VIII | Installation/ Wiring direction | Integral type | H | | 0 | 0 | 0 | | |
| | | Remote type | Upstream side (Horizontal/ Vertical piping mounting) | A | | 0 | 0 | 0 | |
| | | | Downstream side (Horizontal / Vertical piping mounting) | B | | 0 | 0 | 0 | |
| | | | Horizontal piping mounting/ Left side viewed from upstream | C | | 0 | 0 | 0 | |
| | | | Horizontal piping mounting/ Right side viewed from upstream | D | | 0 | 0 | 0 | |
| IX | Calibration | Standard | A | | 0 | 0 | 0 | | |
| | | Others | <input type="checkbox"/> | | Refer to option table of calibration | | | | |
| X | Finish | Standard | X | | 0 | 0 | 0 | | |
| | | Corrosion-resistant finish | 1 | | 5 | 5 | 5 | | |
| | | Corrosion-proof finish | 2 | | 10 | 10 | 10 | | |
| XI | Bolt / nuts | None | X | | 0 | 0 | 0 | | |
| | | Carbon steel | 1 | | 3 | 3 | 3 | | |
| | | SUS304 | 2 | | 5 | 5 | 5 | | |

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

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

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

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

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

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

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

1: Teflon liner

3: Ceramic liner

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

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

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

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

| Basic Model No. | | MGG18D | | Basic price / Additional price | | | | | | | | | | Lead time | | | | | |
|------------------|--------------------------------------|---|--|--------------------------------|---|-------|-------|-------|-------|--------|--------|--------|--------|-----------|-----|-----|-----|-----|---|
| | | | | 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 | | | | | | | 3 | 5 | 5 | 9 | 15 | | | | +1 | |
| III | Piping connection | Wafer JIS10K | 11 | | | | | | | | | | | | | | | | |
| | | Wafer JIS20K | 12 | | | | | | | | | | | | | | | | |
| | | Wafer JIS30K | 13 | | | | | | | | | | | | | | | | |
| | | Wafer ANSI150 | 21 | | | | | | | | | | | | | | | | |
| | | Wafer ANSI300 | 22 | | | | | | | | | | | | | | | | |
| | | Wafer JIS G3451 F12 (Diameter 80 or larger) | 31 | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | Wafer DIN PN10 | 41 | | | | | | | | | | | | | | | | |
| | | Wafer DIN PN16 | 42 | | | | | | | | | | | | | | | | |
| | | Wafer DIN PN25 | 43 | | | | | | | | | | | | | | | | |
| | | Wafer DIN PN40 | 44 | | | | | | | | | | | | | | | | |
| | | Wafer JPI150 | 61 | | | | | | | | | | | | | | | | |
| | | Wafer JPI300 | 62 | | | | | | | | | | | | | | | | |
| IV | Electrodes | SUS316L | L | | | | | | | | | | | | | | | | |
| | | Hastelloy C | C | | 36 | 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 | 41 | |
| | | Zirconium | H | | 170 | 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 | 103 | |
| | | Tungsten carbide | W | | 180 | 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 | 175 | |
| | | Others | | | Refer to Option table of Electrodes | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | V | Ground rings | SUS316 | S | | 0 | 0 | 0 | 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 | | | | | |
| 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 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| VI | Wiring connection/ water tight gland | Integral type | 1 | | 0 | 0 | 0 | 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 | 10 | 10 | 10 | |
| | | | G1/2 internal thread/with brass (Ni-plated) watertight gland | 3 | | 15 | 15 | 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 | 12 | 12 | | |
| | | | 1/2NPT internal thread/without watertight gland | 5 | | 10 | 10 | 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 | 10 | 10 | | |
| | | | Pg13.5 internal thread/without watertight gland | 7 | | 10 | 10 | 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 | 40 | 40 | | |
| VII | Face to face dimension | Standard | A | | 0 | 0 | 0 | 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 | 0 | 0 | 0 | | | |
| | | Remote type | Upstream side (Horizontal / Vertical piping mounting) | A | | 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 | | | |
| | | | 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 | | | | |
| | | Others | | | Refer to Option table of calibration | | | | | | | | | | | | | | |
| X | Finish | Standard | X | | 0 | 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 | 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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|--------------------------|----------------|
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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 (Weeks) |
|-------------|---|--|--------------------------|-------------------|
| Option | Y | Yamatake version (Must be selected) | 0 | |
| | A | Calibration certificate (sent to ordering location separately) | 2 | |
| | B | Traceability certificate for detector | 10 | |
| | C | Material certificate (only for electrodes and ground rings) | 45 | 7 |
| | J | With gasket for plastic piping | Refer to table of gasket | |
| | K | Attachment of the TAG number to the terminal box for detector **Note 3 | 4 | |
| | L | Attachment of the TAG number plate to the neck section for detector | 8 | |
| | P | Specific color finish for detector **Note4 | 40 | 8 |
| | E | Water free treatment | 40 | |
| | F | Oil free treatment | 50 | |

Note 3 : Must be selected for Tag No. requirement

Note 4 : Must specify Munsel No.

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

Note 3 : Must be selected for Tag No. requirement

Note 4 : Must specify Munsel No.

Table of gasket for plastic piping

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

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

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

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

Option table of Grounding rings material

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

Option table of Face to face dimension

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

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

MagneW 3000 PLUS

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

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

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

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

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

Table of gasket for plastic piping

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

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

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

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

Option table of Grounding rings material

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

Option table of Face to face dimension

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

1: Teflon liner

3: Ceramic Liner

Option table of Flange Material (Flange Material : SUS304)

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

MagneW 3000 PLUS

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

| | |
|--------------------------|----------------|
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| Effective : Apr. 1, 2004 | UNIT : 1000YEN |

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

Option "Y" must be specified for Yamatake Version

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

| Basic Model No. | | MGG18F | | 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 | 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 | 0 | +2 | |
| | | PFA | P | 42 | 54 | 70 | 85 | 100 | 100 | 140 | 140 | | |
| III | Piping connection | Flange JIS10K | J1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | |
| | | Flange JIS20K | J2 | 100 | 140 | 196 | 274 | 384 | 384 | 537 | 537 | | |
| | | Flange ANSI150 | A1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | Flange ANSI300 (Note 1) | A2 | 100 | 140 | 196 | 274 | 384 | 384 | 537 | 537 | | |
| | | Flange JIS G3451 F12 | G1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | Flange DIN PN10 | D1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | Flange DIN PN16 | D2 | 110 | 154 | 216 | 301 | 422 | 422 | 590 | 590 | | |
| | | Flange DIN PN25 | D3 | 110 | 154 | 216 | 301 | 422 | 422 | 590 | 590 | | |
| | | Flange JPI150 | P1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Flange JPI300 (Note 1) | P2 | 100 | 140 | 196 | 274 | 384 | 384 | 537 | 537 | | | | |
| 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 | 10 | |
| | | Hastelloy C | 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 | | |
| | | 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 | | |
| | | Hastelloy C | 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 | Integral type | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | |
| | | Remote type | G1/2 internal thread/without watertight gland | 2 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | | 10 |
| | | | G1/2 internal thread/with brass (Ni-plated) watertight gland | 3 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | | 15 |
| | | | G1/2 internal thread/with plastic watertight gland | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 12 |
| | | | 1/2NPT internal thread/without watertight gland | 5 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | | 10 |
| | | | CM20 internal thread/without watertight gland | 6 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | | 10 |
| | | | Pg13.5 internal thread/without watertight gland | 7 | 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 |
| VIII | Face to face dimension | Standard | A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | Others | <input type="checkbox"/> | Refer to Option table of Face to face dimension | | | | | | | | | |
| IX | Installation/ Wiring direction | Integral type | H | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | Remote type | Upstream side (Horizontal / Vertical piping mounting) | A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| | | | Downstream side (Horizontal / Vertical piping mounting) | B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| | | | Horizontal piping mounting / Left side viewed from upstream | C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| | | | Horizontal piping mounting / Right side viewed from upstream | D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| X | Calibration | Standard | A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | Others | <input type="checkbox"/> | Refer to Option table of calibration | | | | | | | | | |
| XI | Finish | Standard | X | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | Corrosion-resistant finish | 1 | 15 | 15 | 20 | 20 | 40 | 40 | 60 | 60 | | |
| | | Corrosion-proof finish | 2 | 40 | 40 | 50 | 50 | 100 | 100 | 140 | 140 | | |

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

MagneW 3000 PLUS

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

| | |
|-------------------------|----------------|
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| Effective: Oct. 31,2001 | UNIT : 1000YEN |

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

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

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

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

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

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

Table of gasket for plastic piping

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

Option table of Electrode material

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

Option table of Calibration

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

Option table of Grounding rings material

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

Option table of Face to face dimension

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

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

Option table of Flange material (Flange material : SUS304)

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

MagneW 3000 PLUS

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

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

Option "Y" must be specified for Yamatake version

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

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

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

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

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

Table of gasket for plastic piping

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

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

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

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

Option table of Grounding rings material

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

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

| | |
|--------------------------|----------------|
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| Effective : Oct. 31,2001 | UNIT : 1000YEN |

Option "Y" must be specified for Yamatake version

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

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

Note 3 : Must be selected for Tag No. requirement

Note 4 : Must specify Munsel No.

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

Note 3 : Must be selected for Tag No. requirement

Note 4 : Must specify Munsel No.

Table of gasket for plastic piping

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

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

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

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

Option table of Grounding rings material

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

Option table of Flange material (Flange material : SUS304)

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

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 : Dec. 1, 2003 | UNIT : 1000YEN |

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

Note1: This specification (without grounding ring) is applicable when the grounding is possible through pipe line.

In case of plastic pipes or lined pipes, this selection is not applicable. Please select "M" as grounding ring selection code.

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

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

Option "Y" must be specified for Yamatake version

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

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

Note 3 : Must be selected for Tag No. requirement

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

Note 3 : Must be selected for Tag No. requirement

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

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

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

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

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

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

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

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

Table of gasket for plastic piping

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

Option table of Electrode material

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

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

Optional table of Calibration

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

Option table of Grounding rings material

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

Option table of Face to face dimension

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

1: Teflon liner 2: Polyurethane rubber liner

3: Ceramic Liner 4: Tefzel liner

Option table of Flange material (Flange material : SUS304)

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

MagneW 3000 FLEX Detector
(Flange type 700 mm - 1100 mm, chloroprene rubber liner)

| | |
|--------------------------|----------------|
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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.

| Model No. | | MGG11F | | Basic price / Additional price | | | | | Lead time | | |
|-----------|---|---|--|--------------------------------|--------|--------|---------|---------|-----------|----|--|
| | | | | 700 mm | 800 mm | 900 mm | 1000 mm | 1100 mm | | | |
| I | Diameter | 700 mm | 700 | | | | | | | 23 | |
| | | 800 mm | 800 | | | | | | | 23 | |
| | | 900 mm | 900 | | | | | | | 23 | |
| | | 1000 mm | 10H | | | | | | | 23 | |
| | | 1100 mm | 11H | | | | | | | 23 | |
| II | Liner | Chloroprene rubber | R | | | | | | | | |
| III | Piping connection | Flange JIS10K | J1 | | | | | | | | |
| | | Flange ANSI150 | A1 | | | | | | | | |
| | | Flange JIS G3451 F12 (Diameter 80 mm or larger) | G1 | | | | | | | | |
| | | Flange DIN PN10 | D1 | | | | | | | | |
| | | Flange JPI150 | P1 | | | | | | | | |
| IV | Flange Material | Standard | 1 | | | | | | | | |
| V | Electrodes | SUS316L | L | | | | | | | | |
| | | Titanium | K | | | | | | | | |
| | | Tungsten carbide | W | | | | | | | | |
| | | Others | <input type="checkbox"/> | | | | | | | | |
| VI | Ground rings | SUS316 | S | | | | | | | | |
| | | Others | <input type="checkbox"/> | | | | | | | | |
| VII | Electrical connection/ Watertight gland | Integral type | 1 | | | | | | | | |
| | | Remote type | G1/2 internal thread / without watertight gland | 2 | | | | | | | |
| | | | G1/2 internal thread / with brass (Ni-plated) watertight gland | 3 | | | | | | | |
| | | | G1/2 internal thread / with plastic watertight gland | 4 | | | | | | | |
| | | | 1/2NPT internal thread / without watertight gland | 5 | | | | | | | |
| | | | CM20 internal thread / without watertight gland | 6 | | | | | | | |
| | | | Pg13.5 internal thread / without watertight gland | 7 | | | | | | | |
| | | | G1/2 internal thread / with SUS304 watertight gland | 8 | | | | | | | |
| VIII | Face to face dimension | Standard | A | | | | | | | | |
| | | Others | <input type="checkbox"/> | | | | | | | | |
| IX | Installation/ Wiring direction | Integral type | H | | | | | | | | |
| | | Remote type | Upstream side (Horizontal / Vertical piping mounting) | A | | | | | | | |
| | | | Downstream side (Horizontal / Vertical piping mounting) | B | | | | | | | |
| | | | Horizontal piping mounting / Left side viewed from upstream | C | | | | | | | |
| | | | Horizontal piping mounting / Right side viewed from upstream | D | | | | | | | |
| X | Calibration | Standard | A | | | | | | | | |
| | | Others | <input type="checkbox"/> | | | | | | | | |
| XI | Finish | Standard | X | | | | | | | | |
| | | Corrosion-resistant finish | 1 | | | | | | | | |
| | | Corrosion-proof finish | 2 | | | | | | | | |

MagneW 3000 FLEX

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

| | |
|--------------------------|----------------|
| Issued : Oct. 31, 2001 | Page : 2-1-22 |
| Effective : Feb. 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 | |
| | A | Calibration certificate (sent to ordering location separately) | 2 | |
| | B | Traceability certificate for detector | 10 | |
| | C | Material certificate (only for electrodes and ground rings) | 45 | 7 |
| | K | Attachment of the TAG number to the terminal box for detector (Note 3) | 4 | |
| | L | Attachment of the TAG number plate to the neck section for detector (Note3) | 8 | |
| | P | Specific color finish for detector (Note 4) | 40 | 8 |
| | E | Water free treatment | 40 | |
| | F | Oil free treatment | 50 | |

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

| Integral type | | Additional price | Lead time (Weeks) | |
|---------------|---|--|-------------------|---|
| Option | Y | Yamatake Version (Must be selected) | 0 | |
| | A | Calibration certificate(Sent to ordering location separately) | 2 | |
| | B | Traceability certificate for detector | 10 | |
| | C | Material certificate (only for electrodes and grounding rings) | 45 | 7 |
| | 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.

| Basic Model No. | MGG18U | | | | Basic price / Additional price | | | | Lead time | |
|-----------------|---|---|--|-------|---|------|-------|-------|-----------|---|
| | 2.5 mm | 5 mm | 10 mm | 15 mm | 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 2.5mm - 15mm, PFA liner)

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

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

Remote type

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

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

Option table of Electrode material

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

Integral type

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

Note 3 : Must be selected for Tag No. requirement

Note 4: Must specify Munsel No.

Optional table of Calibration

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