

KEMPION

pH/ORP

Combination Electrode



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KEMPION pH/ORP Combination Electrode



GS-5

pH Combination Electrode

General Electrode used for the industrial job site or various water treatment field

- Measuring Range : 0~14pH
- Using Temp. : 0~40 °C
- Internal Liquid : 3.3Mol KCl
- Material : Glass
- Cable Length : 5m
- Spade Terminal : Y



GSH-5

pH Combination Electrode

Electrode used for industrial job site of high temp. up to 80 °C

- Measuring Range : 0~14pH
- Using Temp. : 0~80 °C
- Internal Liquid : 3.3Mol KCl
- Material : Glass
- Cable Length : 5m
- Spade Terminal : Y



GST-5

Temp. Compensation Combination Electrode

Electrode used for the job sites at which temp. of liquid is frequently changed & the industrial fields for which high productivity is demanded

- Measuring Range : 0~14pH
- Using Temp. : 0~40 °C
- Internal Liquid : 3.3Mol KCl
- Material : Glass
- Cable Length : 5m
- Spade Terminal : Y
- RTD (Resistance Temperature Detector) : Pt 1000[Ω]



GSTH-5

Temp. Compensation Combination Electrode

Electrode used for the job sites at which temp. of liquid is frequently changed & the industrial fields for which high productivity is demanded

- Measuring Range : 0~14pH
- Using Temp. : 0~80 °C
- Internal Liquid : 3.3Mol KCl
- Material : Glass
- Cable Length : 5m
- Spade Terminal : Y
- RTD (Resistance Temperature Detector) : Pt 1000[Ω]

Electrodes are classified to use for room temperature, high temperature, supplement free, & temp. compensation according to process & job site condition. Specially, the electrode for temp. compensation can minimize limit of pH measurement error caused by change of temperature, because it have high resolution & accuracy by using the element of Pt 1000Ω.



GSA-5

Supplement-free Combination Electrode

General electrode used for industrial job site without supplementing internal liquid

- Measuring Range : 0~14pH
- Using Temp. : 0~80℃
- Internal Liquid : 3.3Mol KCl
- Material : PC
- Cable Length : 5m
- Spade Terminal : Y



GSTA-5

Temp. Compensation Combination Electrode of Supplement -free

Supplement free electrode used for the job sites at which temp. of liquid is frequently changed & the industrial fields for which high productivity is demanded

- Measuring Range : 0~14pH
- Using Temp. : 0~80℃
- Internal Liquid : 3.3Mol KCl
- Material : PC
- Cable Length : 5m
- Spade Terminal : Y
- RTD (Resistance Temperature Detector) : Pt 1000[Ω]



HPB-13

Temp. Compensation Combination Electrode of Supplement-free

Temp. Compensation electrode for supplement free can be restrictively used for the liquid containing hydrofluoric acid (below 5,000ppm)

- Measuring Range : 0~14pH
- Using Temp. : 0~80℃
- Internal Liquid : 3.3Mol KCl
- Material : Glass
- Cable Length : 5m
- Spade Terminal : Y
- RTD (Resistance Temperature Detector) : Pt 1000[Ω]



MS-5

ORP Combination Electrode

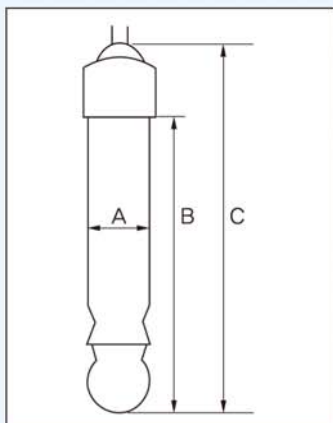
Redox electrode used for plating & waste water treatment containing Cyanide

- Measuring Range : -1999~+1999mV
- Using Temp. : 0~40℃
- Internal Liquid : 3.3Mol KCl
- Material : Glass
- Cable Length : 5m
- Spade Terminal : Y
- RTD (Resistance Temperature Detector) : Pt 1000[Ω]

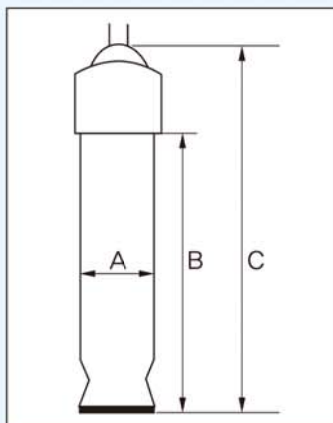
※ The specifications can be changed without prior notice

■ Dimensions

● pH Electrode



● ORP Electrode



(Unit:mm)

Model	A	B	C
GS-5	Ø12	120	154
GSH-5	Ø12	120	154
GST-5	Ø12	120	154
GSH-5	Ø12	120	154
GSA-5	Ø12	122	160
GSTA-5	Ø12	122	160
HPB-13	Ø12	118	156
MS-5	Ø12	104	133

■ Accessories (Option)



Standard buffer powder & bottle



Electrode holder



Connection box



Bracket for holder



Connection cable

■ pH/ORP Controller (Sold separately)



MESTAR-H



MESTAR-P