

**CCK1 with FSH2 & thermometer (optional items)**

This cell is based on a standard glass reaction flask, 1 liter. All wetted parts are made of chemically resistant materials such as Teflon, Pyrex and SUS 316.

The "standard" cell configuration consists of a cylindrical metal sample working electrode, a graphite rod counter electrode, a reference electrode in a Luggin capillary and a gas bubbling tube.

Graphite rod counter electrode, a reference electrode and a flat specimen holder could be ordered separately.

Water-jacketed type corrosion cell (Part No. WCCK1) is also available.



FSH2(Flat Specimen Holder)



WCCK1(Water Jacketed Cell)

## Specifications

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### Dimensions

Vial Volume	1 liter
Sample Volume	about 750 ml
Size	Approximately 14 cm diameter by 30 cm high including electrodes and adapters

### Cylindrical Sample Holder Material

Tube	Pyrex <sup>®</sup> , Ø1/4"
Compression Gasket	Teflon <sup>®</sup>
Cylindrical Metal Sample	Steel

### Chemical Compatibility

Wetted Materials	Pyrex <sup>®</sup> , Teflon <sup>®</sup>
Non-Wetted Materials	Above, plus stainless steel and Viton <sup>®</sup>

### Counter Electrode (option)

Type	High density graphite rod
Size	6 mm diameter by 30 cm length

### Reference Electrode (option)

Type	SCE or Ag/AgCl reference electrode
Size	9 mm diameter OD

### Flat Specimen Holder (option)

Specimen Diameter	15.5mm ~ 22mm
Specimen Thickness	0.3~5.8mm

## Parts Included (for CCK1/WCCK1)\*

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1. Cell Vial	Pyrex <sup>®</sup> , O-ring type beaker, 1L, Ø103(OD)*157(H)
2. Cylindrical Metal Sample & Tube	Steel / Pyrex <sup>®</sup> tube, Ø6.35* Ø4.35
3. Cell Clamp	Stainless steel
4. Luggin Capillary	Pyrex <sup>®</sup>
5. Bubbler Adapter Gas Inlet	Pyrex <sup>®</sup>
6. Cell Top	Teflon <sup>®</sup>
7. Other miscellaneous such as stopper / O-ring	MC Nylon <sup>®</sup> / Viton <sup>®</sup>

\* Can vary depending on cell type.

## Optional Items

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1. Flat Specimen Holder	FSH2 (active area : 11.28mm dia.) FSH15 (active area : 15mm dia.)
2. Graphite Rod, Counter Electrode, 30cm long, 6mm OD	GR002
3. Saturated Calomel Reference Electrode	KS1001
4. Ag/AgCl Reference Electrode	KS1004

(Please contact us for other replacement parts.)

## Other Products

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### 1. CCK01

- glass vial volume : 100ml
- includes: glass vial, Teflon cell top, cell clamp, Luggin capillary, gas bubbler, stoppers, etc.
- Part No. : CCK01



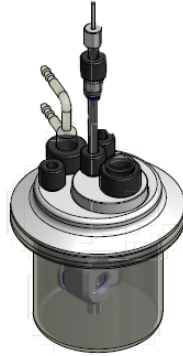
CCK01

### 2. CCK02

- glass vial volume : 200ml
- includes: glass vial, Teflon cell top, cell clamp, Luggin capillary, gas bubbler, cylindrical specimen holder, stoppers, etc.
- Part No. : CCK02

### 3. CCK05/WCCK05

- glass vial volume : 500ml
- includes: glass vial, Teflon cell top, cell clamp, Luggin capillary, gas bubbler, cylindrical specimen holder, stoppers, etc.
- Part No. : Standard type: CCK05  
Water-jacketed type : WCCK05



CCK05 with FSH2(option)

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