



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 and a reference electrode (SCE) should be ordered separately. And, for flat specimen sample, FSH2(Flat Specimen Holder) can be ordered too.

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

### Cylindrical Sample Holder Material

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

### Reference Electrode (option)

Type	SCE or Ag/AgCl reference electrode
Size	9 mm diameter OD & 4mm diameter OD

### Counter Electrode (option)

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

### Chemical Compatibility

Wetted Materials	Pyrex®, Teflon®
Non-Wetted Materials	Above, plus stainless steel and Viton®

### Flat Specimen Holder (option)

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

## Parts Included

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

## Optional Items

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1. Flat Specimen Holder	FSH2
2. Graphite Rod, Counter Electrode, 30cm long, 6mm OD	GR002
3. Saturated Calomel Reference Electrode	1001
4. Ag/AgCl Reference Electrode	1004

(Please contact us for other replacement parts.)

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### WonATech Co., Ltd.

Main Office & R&D: 69, Baumoiro 2 gil, Seocho-gu, Seoul, 137-900, Korea Tel)+82-2-578-6516, Fax)+82-2-576-2635  
Factory: 285-28, Opo-ro, Opo-eup, GwangJu-si, GyeongGi-do, 464-894, Korea Tel)+82-31-766-5974 Fax)+82-31-765-2645  
Sales Office: 7, Neunganmal 1 gil, Seocho-gu, Seoul, 137-180, Korea  
e-mail: [sales@wonatech.com](mailto:sales@wonatech.com) website : [www.wonatech.com](http://www.wonatech.com) | [www.zivelab.com](http://www.zivelab.com)