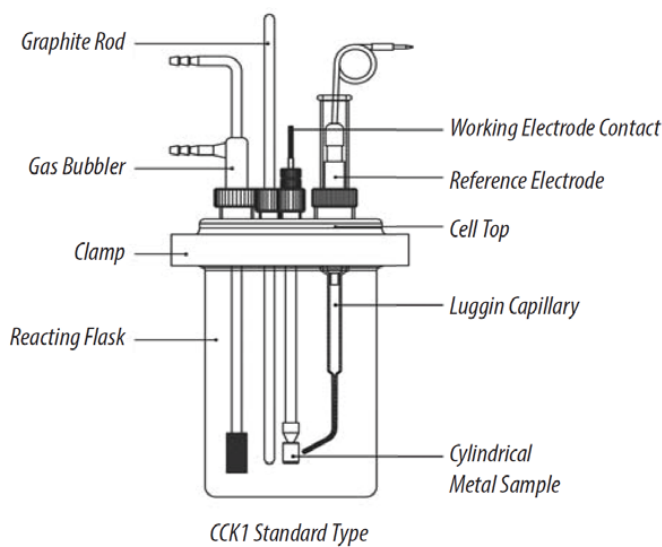


# Corrosion Cell Kit (CCK series)

The CCK series corrosion cell kit is based on a standard glass reaction flask, 1 liter ~ 100ml. 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, a counter electrode, a gas bubbling tube, and a reference electrode in a Luggin capillary. A graphite rod as counter electrode, a reference electrode and a flat specimen holder could be ordered separately as an option. The water-jacketed type corrosion cell kit and alkaline resistance cell kit made with Teflon are also available.



## Specifications

Vial volume (depending on model)	CCK series : 100 ml to 1 liter WCCK series : 200 ml to 1 liter
Cylindrical sample holder material	
Tube	Pyrex®, 6.35 mm dia.
Compression gasket	Teflon®
Cylindrical metal sample	Steel
Chemical compatibility	
Wetted materials	Pyrex®, Teflon®
Non-wetted materials	Above, plus stainless steel and Viton®
Reference electrode(option)	
Type	SCE or Ag/AgCl reference electrode
Size	9 mm diameter OD, 110 mm long
Counter electrode(option)	
Graphite rod	6 mm diameter, 30 cm long
Pt flag counter electrode	active area : Pt plate type : 5cm <sup>2</sup> , 9cm <sup>2</sup> , 16cm <sup>2</sup> , 25cm <sup>2</sup> Mesh type : 25cm <sup>2</sup>
Flat specimen holder for CCK1, WCCK1, CCK05, WCCK05(option)	
Specimen diameter	FSH2 : 15.5 mm ~ 22 mm FSH15 : 18.5 mm ~ 25 mm dia.
Specimen thickness	0.3 ~ 5.8 mm

All specifications are subject to change without notice.

## Optional Items

Flat specimen holder for CCK1, WCCK1, CCK05, WCCK05	
Active area : 11.28 mm dia.	FSH2
Active area : 15 mm dia.	FSH15
Counter electrode	
Graphite rod, 150mm long	GR002H
Graphite rod, 300mm long	GR002
Pt plate type	PFL1/PFL4/PFL5/PFL9/PFL16/PFL25
Pt mesh type, 80mesh	PFL1M/PFL4M/PFL5M/PFL9M/ PFL16M/PFL25M
Reference electrode	
Saturated calomel reference electrode	WA1001
Ag/AgCl reference electrode	WA1004



FSH2

PFL25

GR002

WA1001

## Parts Included For CCK1 & WCCK1

Cell vial	Pyrex®, 1L, 103x157mm(ODxH)
Cylindrical metal sample & tube	Steel / Pyrex®, 6.35mm dai. x 4.35mm dia.
Cell clamp	Stainless steel
Luggin capillary	Pyrex®
Gas bubbler	Pyrex®
Cell Top	Teflon®
Other miscellaneous parts such as stopper / O-ring	MC Nylon® / Viton®

Please contact us for other replacement parts.

## Ordering Guide

### Standard type

1 liter volume	CCK1
500 ml volume	CCK05
200 ml volume	CCK02
100 ml volume	CCK01
100 ml volume, alkaline resistant cell	CCK01T

### Water-jacketed type

1 liter volume	WCCK1
200 ml volume	WCCK02
500 ml volume	WCCK05

Components can vary depending on the type of cells.



*CCK1 Standard Type With  
Optional FSH2 & Thermometer*



*WCCK1 Water-Jacketed Type With  
Optional FSH2 & Thermometer*



*CCK01 Standard Type*



*CCK01T Alkaline Resistance Cell  
made with Teflon*



*CCK02 Standard Type*



*WCCK02 Water-Jacketed Type*



*CCK05 Standard Type  
Optional FSH2 & Thermometer*



*WCCK05 Water-Jacketed Type*