

The H-Type cell consists of two glass cells which can be interconnected by a membrane or a permeation foil (user supply). Each cell chamber may be filled with a different solution and they are linked together by a clamp. The volume of each cell is 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 flat specimen holder for working electrode, a graphite rod or plate type Pt counter electrode, a reference electrode in a Luggin capillary and a gas bubbling tube.

A graphite rod, a plate type Pt counter electrode, a flat specimen holder and a reference electrode should be ordered separately.

Specifications

Dimensions	
Cell vial volume	1 liter x 2 ea
Sample volume	About 750ml / each vial
Size	Approximately 14cm diameter by 30cm high including electrodes and adapters
Cylindrical sample holder material	
Tube	Pyrex, 6.35mm dia.
Compression gasket	Teflon®
Metal sample	Steel
Chemical Compatibility	
Wetted materials	Pyrex®, Teflon®
Non-wetted materials	Above, plus stainless steel and Viton®

All specifications are subject to change without notice.

Parts Included

Cell vial	Pyrex®, 1L, 103x157mm(ODxH), 2ea
Cell clamp	Stainless steel
Clamp for connecting the half cells	Stainless steel
Luggin capillary	Pyrex®
Gas bubbler	Pyrex®
Cell top	Teflon®
Cylindrical metal sample & tube	Steel, 6mm OD Quartz tube, 4.35mm OD
Other miscellaneous such as stopper / O-ring	MC Nylon® / Viton®



HCELL1 H-Type Cell
with optional flag type Pt counter electrode

Ordering Guide

1 liter vial x 2ea	HCELL1
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Optional Items

Flat specimen holder	FSH2
Active area : 11.28mm dia.	
Sample size : 15.5mm ~ 22mm dia.	
Sample thickness : 0.3~5.8mm	
Flat specimen holder	FSH15
Active area : 15mm dia.	
Sample size : 18.5mm ~ 25mm dia.	
Sample thickness : 0.3~5.8mm	
Counter electrode	
Graphite rod, 150mm long	GR002H
Graphite rod, 300mm long	GR002
Pt plate type	PFL1/PFL4/PFL5
Reference electrode	
Saturated calomel reference electrode	WA1001
Ag/AgCl reference electrode	WA1004

Cell Top For HCELL1

