

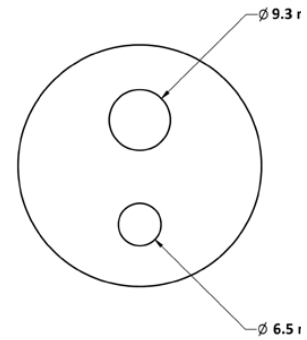
Plate Test Cell Kit (PTC2)



PTC2



PTC015



Cell top

The Plate Test Cell Kit(PTC2) is a simple cell for electrochemical testing of coated samples. Also it can be the perfect choice for measuring EIS(Electrochemical Impedance Spectroscopy) of painted metal specimens.

The PTC2/PTC015 are very easy to assemble. Just follow the below procedure.

Assembly of the cell kit

- a) Gently push the counter electrode and reference electrode into the holes of the cell top
- b) Place the metal sample (working electrode) of the PTC2 base
- c) Place the glass cell body on top of the sample and make sure that the o-ring fits in the groove of glass cell body. Before run the test, it is recommended to check whether the cell is leaking or not.
- d) Clamp the cell body to the base
- e) Fill the cell with the test solution
- f) Place the cell top on the cell
- g) Connect the cell to the test instrument

● Specifications

Sample

Size PTC015 : 29x29mm or more
 PTC2 : 60x60mm or more

Thickness PTC015 : >3mm
 PTC2 : >7mm

⊙ Specifications

Dimensions

Base	PTC015 : 50x70x8mm(WxDxH) PTC2 : 131x890x90mm(WxDxH)
Cell body - internal diameter & length	PTC015 : 17mm, 46mm long PTC2 : 30mm, 80mm long
Hole diameter	PTC015 : none PTC2 : 9.3mm dia. & 6.5mm dia.

All specifications are subject to change without notice.

⊙ Parts Included

Cell body	Pyrex®
Base and cell top	Teflon® (glass base for PCT015)
Cell clamp	Stainless steel
O-ring	Viton®

⊙ Optional Items For PTC1 & PTC2

Reference electrode

Saturated calomel reference electrode	
- 6mm OD, ceramic tip	WA013458
- 9mm OD, KT glass tip	WA1001
Ag/AgCl reference electrode	
- 6mm OD, porous glass tip	WA012167
- 9mm OD, KT glass tip	WA1004

Counter electrode

Graphite rod	GR002H
- 6mm dia. 15cm long	
Pt wire counter electrode	
- 0.5mm dia. 30mm long	WA115
- 0.5mm dia. 57mm long	WA002222

⊙ Ordering Guide

Plate test cell	PTC015
Plate test cell	PTC2



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