



The Flat Cell Kit(FCK2) was designed to evaluate plate material such as metal, semi-conducting plate, etc. A sample plate will be placed one sample holder by fixing knob. 300ml solution volume can be used in this test cell kit. Water jacketed version and normal version are available.

Graphite plate as a counter electrode is included while a reference electrode should be purchased separately. A Luggin capillary is also included.

You can select PTC1 or PTC2 plate test cell kit for small solution volume. Please refer to the PTC1 & PTC2 brochure.

Features

- Ideal for testing of flat specimen
- Easy to use
- Fast and easy disassembly
- Detachable counter electrode
- 2 kinds of opening area

Applications

- Polarization test
- Galvanic corrosion
- Electrochemical noise measurement
- EIS measurement
- Cyclic voltammetry

Specifications

Sample test area

Right hand side	1 cm ²
Left hand side	5 cm ²

Sample thickness Up to 10 mm

Cell volume 300 ml

Operating temperature Up to 90°C

Material

Cell body	Pyrex®
Cell end	Polycarbonate

Parts Included

- | | |
|---------------------|-------|
| 1. Graphite plate | GR001 |
| 2. Luggin capillary | G0102 |

Optional Items

- | | |
|--|--------|
| 1. Saturated Calomel Reference Electrode | KS1001 |
| 2. Ag/AgCl Reference Electrode | KS1004 |



left : Water-jacketed type, **WFCK2**