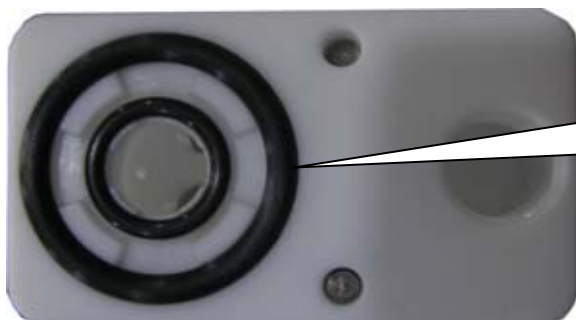


The Plate Test Cell Kit(PTC1) is designed to evaluate plate material such as metal, semi-conducting plate, etc. In evaluation, a sample plate will be placed between two cell blocks. Counter electrode (graphite rod or Pt wire type) and reference electrode should be ordered separately.

- PTC1 has electrode holder part, solution block part, bottom block part and thickness adjustment dial knob.
- PTC1's bottom block can make more stable in standing.
- PTC1 does not need to modify the sample plate size.
- PTC1's sample active area(exposed to electrolyte) can be selected between 3 size by selecting O-ring



O ring position to determine active area of sample

Specifications

Sample Size

Applicable plate dimensions

Width: >15mm, Thickness: 0.1~10mm

Materials

Cell Bottom

Teflon®

Cell Body

Teflon®

O-ring

Viton®

Active area

Using small O-ring

1cm²

Using large O-ring

5cm²

Optional Items

- | | |
|--|--------|
| 1. Graphite Rod, Counter Electrode | GR002H |
| OD:1/4", Length : 6" | |
| Pt Wire Type Counter Electrode | WA1PT |
| Pt Wire Type Counter Electrode | CHI115 |
| 2. Saturated Calomel Reference Electrode | |
| 9mm OD, KT glass frit | 1001 |
| Saturated Calomel Reference Electrode | |
| 6mm OD, Ceramic frit | 002056 |
| 3. Ag/AgCl Reference Electrode | |
| 6mm OD, Vycor frit | 012167 |
| Ag/AgCl Reference Electrode | |
| 6mm OD, Ceramic frit | 002058 |
| Ag/AgCl Reference Electrode | |
| 9mm OD, KT glass frit | 1004 |

(Please contact us for other replacement parts.)