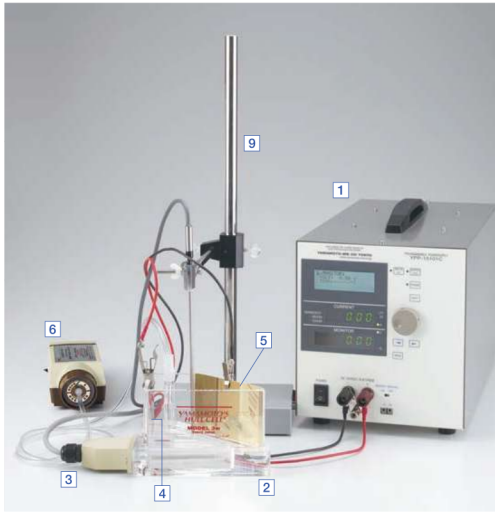


Hull Cell Test Kit

ハルセル[®]試験装置



B-52-1DWJ

Hull Cell Test Kit Model-10A15

ハルセル[®]試験装置 10A15型 WJ [入力電圧: AC100V 用]

The Hull Cell test is a simple and effective testing-method by which electroplating characteristics can be examined. It is also adopted as a testing item in the Plating Skills Assessment 1st Grade Test (Japan). Since the plating-film of a wide range of cathode current densities can be observed on a single test piece, it is possible to conduct studies of optimal plating conditions and effects from lack or excess of chemicals (such as additives), existence of trace amount of impure substances, and deposition distribution on alloy films. The attached DC Power Supply is of high performance and is equipped with a thermostat, and step current can be programmed within 10mA ~ 10A range. This power supply can be used for various tests besides the Hull Cell Test. Ideal as the first Hull Cell you buy, complete with accessories.

The heater (B-58WJB) is equipped with built-in thermal fuse in order to enhance its protective function.

ハルセル試験は、日本のめっき技能検定の1級試験にも採用されている有用な方法で、電気めっきの特性を簡単に調べることができる試験方法です。1枚の試験片に、広い範囲の陰極電流密度のめっき皮膜が得られ、最適なめっき条件を調べたり、添加剤などの薬液の過不足、微量不純物の有無、合金皮膜の析出分布などの影響を簡単に調べることができます。付属の直流電源は温度調節機能を内蔵しており、また10mA~10Aまでの範囲でSTEP電流が組めるなどハルセル試験以外でもご利用いただけます。初めてハルセルを揃える場合はこのセットが便利です。温度ヒューズ付ヒーター (B-58WJB) を使用することで保護機能を高めました。



Specification 仕様			
No.	Product No.	Product Name	個数
1	A-57-15101D	Programmable Power Supply Model-YPP15101D (10mA ~ 10A)	1台
2	B-53W	Hull Cell (Thermostatic-Control-type Tank) MODEL 3w	1個
3	B-58WJB	Hull Cell Heater WJ/ Thermal Fuse (AC100V, 100W)	1本
4	B-55	Hull Cell (Standard-type Tank) 250mL/267mL	1個
5	B-52-P03	Thermostat Stand (w/clamp)	1個
6	B-59-P02	Hull Cell Anode Plate Sumitomo Electrolytic Nickel (for Watts-Bath)	1枚
7	B-59-P04	Hull Cell Anode Plate High-Purity Zinc	1枚
8	B-59-P07	Hull Cell Anode Plate Sumitomo SK Nickel (for Sulfamate Bath)	1枚
9	B-59-P08	Hull Cell Anode Plate Phosphorus Copper (for Copper Sulfate Bath)	1枚
10	B-59-P10	Hull Cell Anode Plate Oxygen-free Copper (Electrolytic Copper)	1枚
11	B-59-P12	Hull Cell Anode Plate High-Purity Tin	1枚
12	B-60-P01A	Hull Cell Cathode Plate Iron /100 pcs.	1箱
13	B-60-P03	Hull Cell Cathode Plate Brass /100 pcs.	1箱
14	B-60-P05	Hull Cell Cathode Plate Copper /100 pcs.	1箱
15	B-57A	Hull Cell Air Pump A (AC100V)	1個
16	B-61W	Hull Cell Scale	1枚
17	B-52-TIB	Hull Cell Technical Information Book (Japanese)	1冊
18	B-52-TIB-E	Hull Cell Technical Information Book (English)	1冊