

HULL CELL[®] TESTER(10A15 type set) JP

Order No.	Model No.	Specification	JPY	Ref.No
1-1737-31	B-52-1CWJ	Set	¥ 550,000	062485
1-1737-11	B-59-P08	Replacement Anode Plate High Phosphorous Copper	¥ 2,600	062475
1-1737-12	B-59-P010	Replacement Anode Plate Oxygen-free Copper(electrolytic copper)	¥ 2,300	062475
1-1737-13	B-59-P02	Replacement Anode Plate SUMITOMO Electrolytic Nickel	¥ 3,000	062475
1-1737-14	B-59-P07	Replacement Anode Plate SUMITOMO SK Nickel	¥ 6,000	062475
1-1737-15	B-59-P04	Replacement Anode Plate Zinc	¥ 2,000	062475
1-1737-16	B-59-P12	Replacement Anode Plate High Purity Tin	¥ 3,200	062475
1-1737-17	B-60-P01A	Replacement Cathode Plate Iron	¥ 16,000	062475
1-1737-18	B-60-P03	Replacement Cathode Plate Brass	¥ 16,000	062475
1-1737-19	B-60-P05	Replacement Cathode Plate Copper	¥ 16,000	062475
1-1737-40	B-53W	Hull Cell [®] Water Tank (heating type)	¥ 63,000	062485
1-1737-21	B-55	Hull Cell [®] Water Tank (standard type)	¥ 15,000	062475

■ Feature

- Possible to used for plating bath development, plating bath performance evaluation and process control in plating plant.

■ Specification

- <Heater for Hull Cell[®]> ● Output : AC100V 50/60Hz 100W
- Size : $\phi 8 \times 160\text{mm}$ ● Heater element size : 83mm ● With dry heating prevention function
- <Hull Cell[®] air pump> ● Air discharge rate : 0~0.5 ℓ /min (water depth of 28mm)
- Input voltage : AC100V 50/60Hz ● Power consumption : 2.5W ● Outer dimensions : 120×165×70mm ● Body weight : 0.6kg
- <High performance power supply for Hull Cell[®] wafer> ● Input voltage : AC100~200V $\pm 10\%$ ● Frequency : 50/60Hz $\pm 5\%$ ● Output voltage/output current : DCO ~15V/0~10A ● Min.resolution : 1mV · 10mA · 1mC ● Outer dimensions : 210×221×396mm (excluding projections) ● Weight : 7.6kg
- <Hull Cell[®] water tank (heating type · standard type)> ● Capacity : 267ml
- Material : PMMA (acryl) ● Heat resistant temperature : 65°C
- Outer dimensions : Heating type/150×117×92mm, Standard type/128×71×68mm

Other Measurement Testing Equipments



■ Set Contents

- High performance power supply for Hull Cell[®] wafer
- Hull Cell[®] water tank (heating type · standard type) ● Heater for Hull Cell[®]
- Temperature controller pedestal ● Air pump for Hull Cell[®]
- Hull Cell[®] current density quick reference plate
- Anode plate for Hull Cell[®] (copper · high phosphorous copper · nickel · zinc · tin · SK nickel) × 1 each
- Hull Cell[®] cathode plate (iron · brass · copper) × 100 each
- Hull Cell[®] technical document collection

FLASH POINT TESTERS (SETA Flash)

Order No.	Model No.	Temperature Setting Range (°C)	JPY	Ref.No
1-3551-01	30000-0	Normal	¥ 680,000	062408
1-3551-02	33000-0	Temperature~300	¥ 800,000	062408
1-3551-03	33200-2		¥ 880,000	062408
1-3551-04	33250-2	10~130	¥ 1,000,000	062408

■ Specification

- Measuring System : 30000/Speedy Flat Method, Others/Speedy Flat Method Light Method ● Measuring Time : 100°C or less/1min., Other/2minutes (up to 30 minutes) ● Samples Quantity : 100°C or less/2ml, Others/4ml ● Ignition Source : Gas Flame
- Display: Digital, Temperature-Time ● Safeguard: High Temperature (55°C or more) Warning LED · Overheat Prevention · Flash Auto-detection Sensor
- Power Supply : AC100V 50/60Hz ● Power Cord Length : 192m (3-pin plug) ● Power Consumption : 200W ● Dimensions : 256×280×265mm
- Weight : 30000 · 33000/4kg, 33200 · 33250/5kg ● Accessories : 2ml Syringe · Gas Caster / Igniter



■ Feature

- Flash point of viscous liquid can be measured by small sample.
- Possible to choose 2 measuring methods by setting temperature (except 30000).

MELTINGPOINT METER JP

Order No.	Model No.	Dimensions (mm)	JPY	Ref.No
1-5804-01	ATM-01	190×170×122	¥ 130,000	062460
1-5804-02	ATM-02		¥ 130,000	062460
2-176-01	Cover Glass	18×18	¥ 4,100	062455

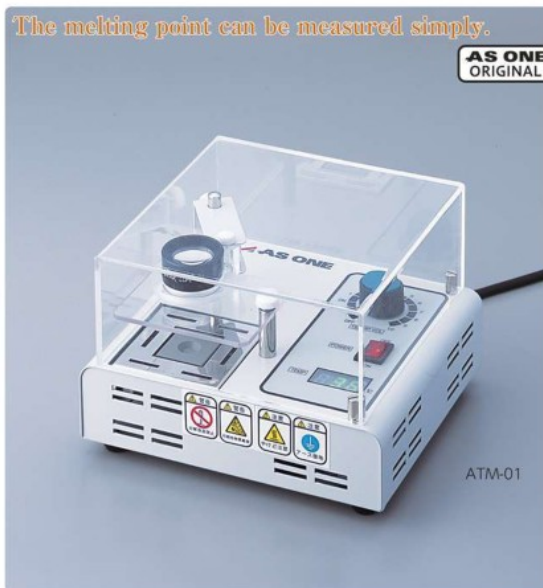
※ The cover glass is not attached to the body.

■ Feature

- Melting point and softening point of compound and resin and wax etc. can measure simply.
- The overheating prevention function is equipped.
- Since Teflon[®] coating of heat board is carried out, hard to become dirty.
- ATM-02 has flat heat board and suitable for measurement by clipping with coverglass.

■ Specification

- <Body> ● Heater Board : Aluminum Block (Teflon[®] coating) ● Heater Capacity : Cartridge Heater (120V×60W×1piece)
- Measuring Temperature Range : Room Temperature~300°C
- Temperature Display : Digital Display (1°C unit) ● Temperature Sensor : Pt Resistance Temperature Detector ● Temperature Control : Thyristor Voltage Regulation System ● Visual Magnifying Glass : Steinheil Loupe · 5 Magnifications ● Body Weight : 2.2kg ● Casing : Steel Plate Baking Painting ● Cover : PMMA (polymethyl methacrylate)
- Power Supply : AC100V 50/60Hz ● Power Cord Length : 1.5m (3-pin plug)
- <Cover Glass>
- No. of Cover Glasses : 1Box (1000pieces) ● OA Adapter Provided



1 Laboratory Equipment

2 Measuring Equipment

3 Laboratory Furniture

4 Life Science and Analysis

5 Bottles and Containers

6 Laboratory Related Tools and Fixtures

7 Cleaning and Sterilization

8 Safety Protection Supplies

9 Clean Environment Equipment

A Balances

B Thermometers and Hygrometers

C Data-Loggers and Recorders

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E Air and Gas Analysis

F Natural Environment Analysis

G Electrical Measuring Equipment

H Physical Property Measuring Equipment

I Microscopes

J Fiber Scopes and Loupes

K Lasers / Optical Equipment

L Measuring Tools