# Equipment

## 2 Measuring Equipment

Laboratory Furniture

4 Life Science and Analysis

Bottles 5 and Containers

> Laboratory Related Tools and Fixtures

Cleaning 7 and Sterilization

Safety 8 Protection Supplies

Clean

9 Environmen

A Chambers and Baths

Heating and Cooling Equipment

C Mixers and Shakers

**D** Grinders

**■** Polishers and Cutters

F Pumps

### Welders · Solders

MINI MINI WELDER					JP
Order No.	Model No.	Specification	Dimensions (m)	JPY	Ref.No
6-1033-11	UH-1Series	Body (capacity 1.25~45Ws)	180×180×138	¥110,000	026370
6-1033-12	UH-2003	Body (capacity 15~135Ws)	¥ 220,000		026370
6-1033-13	UH-2003S	Body (capacity (strong) 15~ 135Ws / (weak) 5~45Ws)	150×226×135	¥ 240,000	026370
6-1033-21	UHP-901	Gun Grip Type Electrode	φ9.5m., Cable Length 1m	¥ 40,000	026370
6-1033-22	UHP-103	Electrode for Plates (small pen type)	φ4×26m Tip 1R	¥ 50,000	026370
6-1033-23	UHP-303	Electrode for Plates (thick pen type)	φ8×26m Tip 1R	¥ 58,000	026370
6-1033-24	UHP-102A	Tweezers Type Electrode	140nm(tip 25nm1R)	¥ 45,000	026370
6-1033-25	UHP-MF01	Negative Pen Type Electrode	φ8×50m(tip 2×9m plane)	¥ 38,000	026370
6-1033-26	UHP-308	Clip Type Minus Electrode	Pinching 10m, Cable Length 1m	¥ 16,000	026370

# Also order electrodes in combination of body.
 # Please use with UHP-MF 01 and UHP-308, or with electrode for plate material.

- Feature This is compact and light weight sport welder specially designed for welding of thermocouple, thin plates and wires. With short current application pulse, welder causes less problems of material burning/deformation and is suitable to welding of small parts.
- Specification Welding Method: Electrostatic Heat Storage Method Welding Speed: UH-1011/10~17times/minute. UH-2003 20035/3.5 ~ 17times/minute (charge voltage: 300V) Max. Rated Input Power: 65VA Power Supply: AC Adapter included (AC100~240V) Welding Time: 1msss Body Weight: UH-1011/3.0kg. UH-2003 20035/3.8kg Accessory: Remote Foot Switch











# SUPER SMALL SPOT WELDING EQUIPMENT

Order No.	Model No.	Dimensions (mm)	JPY	Ref.No
1-8159-01	KTH-MWS	155×260×150	¥160,000	026385
1-8159-11	Handy Tweezers Electrode		¥ 16,000	026385
1-8159-12	Tungsten Electrode		¥ 16,000	026385

■ Feature 
■ It is with handle which can carry simply in light weight (approx. 5.4kg). 
■ Spot welding of accessories and thin metal can be performed safely and simply. 
■ By using a handy tweezers electrode (sold separately), welding from  $\phi$  0.2mm or less  $\sim \phi$  0.05mm is possible. 
■ By using tungsten electrode (sold separately), welding of a copper material is possible.

■ Specification ● Power Supply: AC100V 50/60Hz ● Weight: 5.4kg ● Current Control Method: Thyristor Phase Control Method ● Processing Time Range: 2 Cycle Usually Sets Up ● Accessories: CrCu Electrode (Tip Dia. 1.5mm)



# DESK SOLDER SMOKE FILTER

DESK SOLDER SMORE FILTER					
Order No.	Model No.	Dimensions (mm)	Weight(g)	JPY	Ref.No
2-9927-01	FA400-01	166×113×212	910	¥10,050	026370
2-9927-11	Replacement Filter A1001	130×130×10	5sheets	¥ 2,100	026370

- Feature Can be placed vertically or laterally.
- When placed laterally, the flow velocity increases and it powerfully absorbs the smoke around your hand.
   When placed vertically, it absorbs smoke from a wider area.
- Specification Operating Air Volume: Vertical Layout / 1.0 m²/min (50Hz) ・ 1.1 m²/min (60Hz) 、Lateral Layout / 0.4 m²/min (50Hz) ・ 0.5 m²/min (60Hz)
- Power Supply: AC100V
   50/60Hz (with 3-pin plug)
   Power Consumption:
   13W (50Hz) 15W (60Hz)
   Accessories: Replacement Filter × 1sheet (A1001)





FA430-01

### AIR PURIFIER

					U,r
Order No.	Model No.	Dimensions (mm)	JPY		Ref.No
1-3678-01	FA430-01	330×343×366 (Body)	¥	118,000	026360
1-3678-11	Duct Set Square Type C1571	45541200	¥	14,000	026360
1-3678-12	Duct Set Round Type C1572	φ55×1200	¥	14,000	026360
1-3678-13	Prefilter (10sheets) A1572			3,800	026360
1-3678-14	Main Filter A1573			18,800	026360
1-3678-15	Cap B3619			800	026360

\* The duct set is not supplied to body.

- Specification Max. Proccessing: Using one duct/4.1 mf/min(145cFm). Using 2 duct/4.7 mf/min(167cFm) Trapping Efficiency: LOW · MEDIUM Mode/0.3 μm particles 99.97 % or more、HIGH Mode/0.3 μm particles 99.96% or more Noise Level: 5008 Static Pressure: 1500Pa
- Function : Air Volume Control (LOW · MEDIUM · HIGH) · Filter Replacement Alarm
- Power Supply: AC100V 50/60Hz with 3-Pin Plug
- Power Consumption : 120W Weight : 7.5kg

- Feature Lightweight, compact, easy to carry with handle.
- <Duct Set> Duct is self-sustaining, bend-stretchable, and excellent in stability. • When net is attached to nozzle, it
- prevents sucking of foreign matter near suction port.

   Square type is suitable for suction from side, round type is suitable for suction from



above.

- <FA430-01> Body Power Cord
- Main Filter (A1573)
   Pre-filter × 10 (A1572)
- Cap (B3619)
- <Duct Set> Duct (B3642) Adapter (B3620)
- Square Nozzle (B3622 · C1571 only)
- Round Nozzle (B3623 · C1572 only)
   Net (B3625)