

Aspirator A-1000S



A-1000S

Options



Cooling coil CCU
(copper)
Cat. No. 119050



Cooling coil CCS
(SUS 394)
Cat. No. 119060



Nozzle with vacuum
gauge
VG-1000
Cat. No. 210550



Vacuum regulator
with vacuum gauge
VG-1000V
Cat. No. 212380

Features

- Highly recommended for use in an area lacking water service or where it is difficult to obtain constant water supply pressure.
- Transparent lid cover makes it easy to check water level in the bath. Bath structure is made to be removable and easy for cleaning.
- Precisely processed metal aspirators are equipped so that the displacement is stable.
- Since the unit circulates water in the aspirator at constant pressure by pump, it assures constant suction.
- Highly chemical resistive Teflon aspirator is also available (AS-2, AS-3, AT-1B)

Specifications

Product name	Aspirator
Model	A-1000S
Cat. No.	210539/210538/210537(240V)
Exhaust system	Pressurized circulation by water pump
Displacement	16/19L/min. (50/60Hz) with 6°C water
Safety functions	Check valve, Thermal protector
Motor	Induction motor 150W
Aspiration element	Metal aspirator x 2 (Nickel coated brass)
Bath dimensions (mm)	246W x 341D x 211H 10L
Bath material	Polypropylene
Suction nozzle	OD9mm x 2
Drain nozzle	Φ13mm
Overflow nozzle	Φ17.5mm
Dimensions (mm) & Weight	255W x 351D x 406H 6.7kg
Power source	322VA AC115V/616VA AC220V

■ Ultimate vacuum (using tap water)

Water temp.		5°C	10°C	20°C	30°C
Evaporation pressure	hPa	9.2	12.9	23.7	41.8
	Torr	6.9	9.7	17.8	31.4

AS-2・3 (Metal), AT-1B (Teflon) Aspirator

- AS-2 type can be directly hooked up to tap water.
- AS-2 and AS-3 suction air flow is Max. 13L/min. and can reach ultimate vacuum in short time.
- AT-1B is Teflon made and is strong against chemical corrosion.

Specifications

Product name	Metal Aspirator		Teflon Aspirator
	AS-2	AS-3	AT-1B
Model	AS-2	AS-3	AT-1B
Cat. No.	119100	119110	119130
Displacement	13L/min.		6L/min.
Ultimate vacuum	—		5°C 1.33hPa (10 Torr)
	10°C 16hPa (12 Torr)		10°C 20hPa (15 Torr)
	15°C 26.6hPa (20 Torr)		15°C 33.3hPa (25 Torr)
Safety functions	Check valve		
Tap diameter	ID10 x OD14mm		—
Connection to tap	Adapter	R1/4 with screw	R1/4 with screw
Suction dia. & length	OD9mm•180mm	OD9mm•140mm	OD10mm•68mm

Metal Aspirator and Teflon Aspirator



AS-2

AS-3

AT-1B