Lab
Essentials

Disposable Beaker

Made by JeioTech

◢ Economical beaker with minimal price burden

· Domestic products made by mold designed and manufactured by Lab Companion's, minimizing the cost burden.

◢ Structure that can allow for accurate pouring without spillage

· The unique triangular spout structure allows even highly viscous solutions to be poured precisely without any dripping.

◢ Extended use area and excellent material

· Flat bottom shape for use on a magnetic agitator
· Convenient to use as it does not bend easily even when grasped in the hand.
· Polypropylene (PP) material with excellent chemical resistance.
· Autoclavable, possible to use up to 121℃.
· Four types of composition: 50 ml, 100 ml, 250 ml, and 500 ml.

◢ Convenient design for actual users

· Stackable design that can store stacked beakers of the same capacity and save storage space.
· Easy to remove overlapping beakers.
· Semi-transparent material makes it easy to check the solution state from the side.
· Graduation are engraved and do not come off even after long periods of use.

Disposable Beaker
with Magnetic Stirrer (MS-T)

50 ml   100 ml   250 ml   500 ml

Structure allows for pouring without spillage
The triangular spout allows for dripless pouring of even highly viscous solutions.
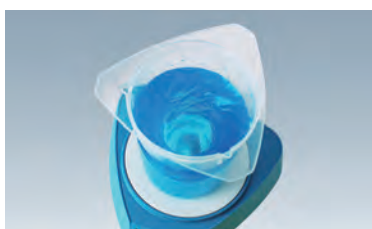
Can be used on magnetic stirrer
Flat-bottom structure allows for use on a magnetic stirrer by placing a magnetic bar.

Structure allowing for stacked storage
It is possible to store beakers of the same capacity by stacking and it is designed to allows the beakers to be removed easily.

Cat. No.	Model	Capacity (ml)	Graduation (ml)	Dimension (Ø x H, mm / inch)
00PER0000023	Disposable beaker, 50 ml	50	5	45 x 55 / 1.8 x 2.2
00PER0000024	Disposable beaker, 100 ml	100	5	56 x 69 / 2.2 x 2.7
00PER0000025	Disposable beaker, 250 ml	250	10	77 x 92 / 3.0 x 3.6
00PER0000026	Disposable beaker, 500 ml	500	20	96 x 116 / 3.8 x 4.6

JEIO TECH

Plastic Griffin Beaker (Transparent / Translucent)

Made by JeioTech

◢ Selectable materials according to purpose of use

· Choice of two series: polymethylpentene (PMP) transparent material and polypropylene (PP) translucent material with excellent chemical resistance.
· PMP: 135°C / PP: 121°C autoclavable.

◢ Structure that can allow for accurate pouring without spillage

· Pointed spout allows for dripless pouring of even highly viscous solutions.

◢ Extended use area and excellent material

· Flat bottom shape for use on a magnetic stirrer.
· Structure that does not become easily deformed.
· Convenient to use as it does not bend easily even when grasped in the hand.
· Plastic griffin beaker conforming to ISO 7056 standards.
· Repetitive use possible with excellent chemical resistance.
· Five different capacity configurations from 100 ml to 2000 ml.

Plastic Griffin Beaker (PMP)

◢ Convenient design for actual users

· Stackable design that can store stacked beakers of the same capacity and save storage space.
· Easy to remove stacked beakers.
· Graduation are engraved and do not come off even after long periods of use.

PMP griffin beaker (transparent)

PP griffin beaker (translucent)

Structure allows for pouring without spillage
Pointed spout allows for dripless pouring of even highly viscous solutions.

Engraved graduation type
Graduation are engraved and do not come off even after long periods of use.

Structure allowing for stacked storage
It is possible to store beakers of the same capacity by stacking and it is designed to allows the beakers to be removed easily.

PMP Griffin Beaker (transparent)

Cat. No.	Capacity (ml)	Graduation (ml)	Dimension (Ø x H, mm / inch)
00PER0000032	100	5	61 x 72 / 2.4 x 2.8
00PER0000033	250	10	81 x 95 / 3.2 x 3.7
00PER0000034	500	20	101 x 119 / 3.9 x 4.7
00PER0000035	1000	50	125 x 148 / 4.9 x 5.8
00PER0000036	2000	100	157 x 186 / 6.2 x 7.3

PP Griffin Beaker (translucent)

Cat. No.	Capacity (ml)	Graduation (ml)	Dimension (Ø x H, mm / inch)
00PER0000027	100	5	61x72 / 2.4x2.8
00PER0000028	250	10	81x95 / 3.2x3.7
00PER0000029	500	20	101x119 / 3.9x4.7
00PER0000030	1000	50	125x148 / 4.9x5.8
00PER0000031	2000	100	157x186 / 6.2x7.3

Lab Essentials

Liquid Handling

Handle Beaker (Transparent / Translucent)

Beaker with a convenient handle
· Handles are convenient for handling,
  and large capacities can be handled with just one hand.
· The inside of the handle is rounded to minimize pain of hand
  when holding.

Structure that can allow for accurate pouring without spillage
· Pointed spout allows for dripless pouring of
  even highly viscous solutions.

Extended use area and excellent material
· Flat bottom shape for use on a magnetic stirrer.
· Structure where beaker wall and floor thickness are both
  constant and do not become easily deformed.
· Plastic beaker conforming to ISO 7056 standards.
· Repetitive use possible with excellent chemical resistance.
· 500ml, 1000ml, and 2000ml capacity available.

Convenient design for actual users
· Stackable design that can store stacked beakers
  of the same capacity and save storage space.
· Easy to remove stacked beakers.
· Graduation are engraved and do not come off
  even after long periods of use.

Inside of the round handle

Handle Beaker (PMP)

PMP Beaker (transparent)

Cat. No.	Capacity (ml)	Graduation (ml)	Dimension (W x Ø x H, mm / inch)
00PER0000042	500	10	148 x 95 x 134 / 5.8 x 3.7 x 5.3
00PER0000039	1000	20	183 x 121 x 166 / 7.2 x 4.8 x 6.5
00PER0000040	2000	50	221 x 149 x 212 / 8.7 x 5.9 x 8.3

PP Beaker (translucent)

Cat. No.	Capacity (ml)	Graduation (ml)	Dimension (W x Ø x H, mm / inch)
00PER0000041	500	10	148 x 95 x 134 / 5.8 x 3.7 x 5.3
00PER0000037	1000	20	183 x 121 x 166 / 7.2 x 4.8 x 6.5
00PER0000038	2000	50	221 x 149 x 212 / 8.7 x 5.9 x 8.3

Wash Bottle

Wash Bottle Common Features
· Easily sprayed solution even when lightly pressed for
  convenience.
· Made of excellent chemical-resistant material.
  (Bottle: LDPE, Cap & Tube: PP)
· Easy to use with wide hole for supplying liquid.
· Double-helical structure increases tightness of both
  container and cap.
· Replaceable nozzle tip for effective maintenance.
· Engraved markings for convenient capacity checking
· Built-in safety labels for identification provided as
  standard.

Automatic Gas-vent Type
· Vapor pressure self-discharge structure inside the container
  eliminates the inconvenience of liquid flowing out.

Model	WB-N25	WB-N50	WB-G25	WB-G50
Description	Wash Bottle		Automatic Gas-Vent Wash Bottle	
Capacity (ml)	250	500	250	500
Cat. No.	AAAM2501	AAAM5001	AAAM2511	AAAM5011

JEIO TECH

Carboy

Made by JeioTech

◾ Distilled water container (bottle with lower spigot), HDPE material

· Excellent chemical resistance, suitable for storage and dispensing of various solutions.
· Leak proof; No leakage even when using for a long time due to spigot.
· Adjustable dispensing capacity according to the rotation angle of the spigot handle.
· The spigot is rotatable, and uses a tubing connection with an adapter.
· Adapter can use tubing I.D. 6.35 - 7.94mm.
· The cap is made of silicone gasket, so it has excellent sealing.
· Easy to check the capacity with front-side scale.
· Space-efficient design for solution storage.
· DBR-20 model fits to Shaker Heavy Duty Holder. Page 115
· In case it is not able to connect the water direct system to Temperature & Humidity Chamber, Carboy can be used for the distilled water container. Page 290

DBR-10
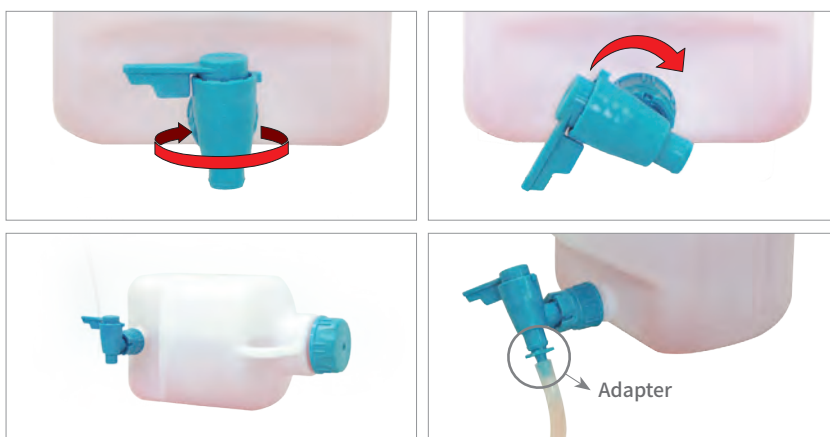DBR-20
Round Type

DBC-10
DBC-05
Rectangular Type

Adapter

Model	DBR-10	DBR-20	DBC-05	DBC-10
Description	Round Type		Rectangular Type	
Volume (L)	10 / 2.64	20 / 5.28	5 / 1.32	10 / 2.64
Dimension (W x D x H, mm / inch)	225 x 277 x 399 / 8.9 x 10.9 x 15.7	260 x 317 x 539 / 10.2 x 12.5 x 21.2	114 x 387 x 305 / 4.5 x 15.2 x 12	204 x 387 x 317 / 8 x 15.2 x 12.5
Cat. No.	AAAJ3021	AAAJ3031	AAAJ3111	AAAJ3121

Storage

Storage Box

Made by JeioTech

- Excellent chemical resistance due to polypropylene material.
- Easy to separate samples with numbers and letters on covers.
- Pressurized sterilization possible. (autoclavable)
- Temperature range of use (℃ / ℉): -20 ~ 121 / -4 ~ 249.8

Model	SRB-100
Tube size (ml)	1.2 to 2.0
Max. Mountable tube	100 (10 x 10)
Dimension (W x D x H,mm / inch)	140 x 140 x 53 / 5.5 x 5.5 x 2.1
Cat. No.	AAAJ7011

※ 5 packs for one set.

Centrifuge Tube Rack, PC

Made by JeioTech

- Excellent chemical resistance due to polycarbonate material
- 30ml centrifuge tube rack
- Pressurized sterilization possible. (autoclavable)

Model	30 ml Centrifuge Tube Rack
Tube size (ml)	30
Max. mountable tube	6
Dimension (W x D x H, mm / inch)	263 x 55 x 55 / 10.4 x 2.2 x 2.2
Cat. No.	AAAJ2111

Conical Tube Rack

Made by JeioTech

- Possible to use independently or in microplate shaker. **Page 119** (except for 50ml conical tube rack, 6 holes)

| Model	15 ml Conical Tube Rack	50 ml Conical Tube Rack	
Material	ABS (Acrylonitrile-butadienestyrene)	ABS (Acrylonitrile-butadienestyrene)	PC (Polycarbonate)
Dimension (W x D x H, mm / inch)	269 x 85 x 72 / 10.6 x 3.3 x 2.8	269 x 85 x 72 / 10.6 x 3.3 x 2.8	263 x 55 x 55 / 10.4 x 2.2 x 2.2
Max. mountable tube	30 (3 x 10)	12 (2 x 6)	6
Autoclavable	-	-	O
Cat. No.	00CPS0000011	00CPS0000012	AAAJ2211

Micro Tube Rack, PC

Made by JeioTech

- Excellent chemical resistance due to polycarbonate material.
- Different size tubes available on both sides. (1.5ml/2.0ml micro tube on one side and 0.2ml/0.5ml micro tube on the other side)
- Available for independent use and for use in microplate shaker. **Page 119**
- Pressurized sterilization possible. (autoclavable)

Model	1.5 / 2.0 ml Micro Tube Rack
	0.2 / 0.5 ml Micro Tube Rack
Dimension (W x D x H, mm / inch)	269 x 90 x 50 / 10.6 x 3.5 x 2.0 (Including cover)
Max. mountable tube	80 (5 x 16), each side
Cat. No.	AAAJ2311

JEIO TECH

Cryo Box

· Excellent durability even at ultra-low temperature with stable PC material.
· Easily distinguish samples with numbers on the covers.
· Cover, tray and dividers are separated for easy cleaning. (Except for CRB-25)
· Pressurized sterilization possible. (autoclavable)
· Temperature range of use (℃ / ℉) :-196 ~ 121 / -320.8 ~ 249.8

CRB-81T
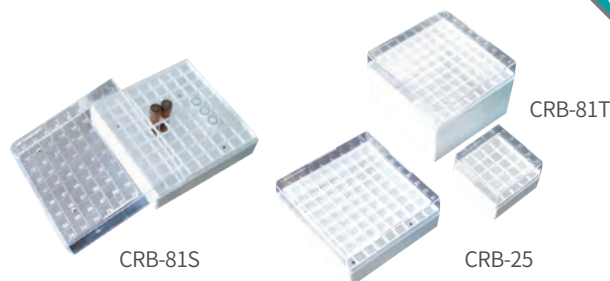
CRB-81S   CRB-25

Model	CRB-25	CRB-81S	CRB-81T
Tube size (ml)	1.2 to 2.0	1.2 to 2.0	5
Max. Mountable tube	25 (5 x 5)	81 (9 x 9)	81 (9 x 9)
Dimension (W xD x H, mm / inch)	77 x 77 x 53 / 3.0 x 3.0 x 2.1	132 x 132 x 54 / 5.2 x 5.2 x 2.1	132 x 132 x 96 / 5.2 x 5.2 x 3.8
Cat. No.	AAAJ7001	AAAJ7002	AAAJ7003

※ 5 packs for one set. (each Cat. No.)

Safety Waste Disposal System

Easy to collect and store various chemicals and waste liquids generated in the lab

> **Structure minimizes vapor emission**
> Hinge-type lid minimizes the discharge of vapors from the waste solution into the lab.

> **Exclusive carbon filter (option)**
> Removes bad odors and harmful gas. (carbon filter can be replaced easily without removing existing attachment without the use of any tools)

> **Safe anti-static function (SF-14C, WT-20C model)**
> Prevention of explosion due to static electricity by using special plastic material with anti-static performance, and grounding cable is provided as standard. (completed anti-static performance test by KEPCO)

> **Water level notification function (SF model)**
> Level bar displayed on the safety funnel when at 17.6L (80%) or 15.4L (70%) based on a 22L waste liquid container.

SF-14P & WT-20P
with Carbon Filter (option)

SF-14C & WT-20C
with Carbon Filter (option)

Accessories

Description	Dimension (ø x H, mm / inch)	Cat. No.
Carbon Filter	76 x 150 / 3.0 x 5.9	AAAM6051
Earth Bonding Plug	52 x 70 / 2.0 x 2.8	AAAF35453

| Model	SF-14C	SF-14P	WT-20C	WT-20P
Description	Anti-static safety funnel for collection of waste liquid	General use safety funnel for collection of waste liquid	Anti-static liquid waste container	General-purpose liquid waste container
Dimension (W x D x H, mm / inch)	160 x 142 x 270 / 6.3 x 5.6 x 10.6	160 x 142 x 270 / 6.3 x 5.6 x 10.6	220 x 300 x 380 / 8.7 x 11.8 x 15.0	220 x 300 x 380 / 8.7 x 11.8 x 15.0
Inlet (ø, mm / inch)	135 / 5.3	135 / 5.3	45 / 1.8	45 / 1.8
Lid size (ø, mm / inch)	142 / 5.6	142 / 5.6	65 / 2.6	65 / 2.6
Volume (L / cu ft)	1 / 0.04	1 / 0.04	22 / 0.78	22 / 0.78
Cat. No.	AAAM6001	AAAM6002	AAAM6011	AAAM6012

Lab Essentials

Storage

On-Ice Rack

· Block made of aluminum with excellent thermal conductivity.
· Keeps the temperature of the sample constant when using on ice.
· Excellent thermal conductivity with aluminum block.
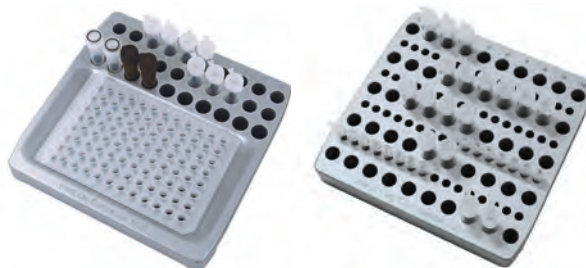
| Model	On-Ice Rack	On-Ice Rack (96W)
Dimension (W x D x H, mm / inch)	157 x 152 x 21	157 x 152 x 20
Max. mountable tube	1.5 ml tube 50ea, 0.2 ml tube 64ea	1.5 ml tube 30ea, 96 well plate 1ea
Cat. No.	AAAJ2011	AAAJ2021

Flask Support

· Safe storage and handling of round flasks.
· Convenient handling of various shapes and simultaneous handling of several things.
· Excellent chemical resistance and heat resistance. (-30 to 120℃)
· Side handles for easy movement.

Various types of flasks can be used for various purposes simultaneous storage
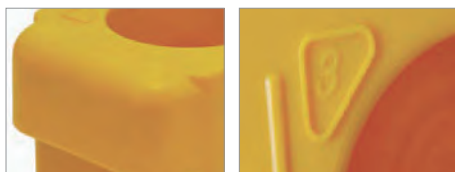
Convenient movement with side handles

Easy to distinguish samples by name tags and numbers

Model	FT 010 13	FT 010 34	FT 025 12	FT 025 23	FT 050 12	FT 100 12	FT 200 12
Capacity (ml)	100	100	250	250	500	1000	2000
Row x column	1 x 3	3 x 4	1 x 2	2 x 3	1 x 2	1 x 2	1 x 2
Hole (dia. x H, mm/inch)	70 x 91 / 2.76 x 3.58	70 x 91 / 2.76 x 3.58	98 x 122 / 3.86 x 4.8	98 x 122 / 3.86 x 4.8	121 x 128 / 4.76 x 5.04	148 x 156 / 5.83 x 6.14	183 x 188 / 7.2 x 7.4
Dimension (W x D x H, mm/inch)	310 x 100 x 100 / 12.2 x 3.94 x 3.94	384 x 265 x 98 / 15.12 x 10.43 x 3.86	280 x 125 x 130 / 11.02 x 4.92 x 5.12	389 x 239 x 130 / 15.31 x 9.41 x 5.12	360 x 146×135 / 14.17 x 5.75 x 5.31	415 x 192 x 165 / 16.34 x 7.56 x 6.5	503 x 223 x 199 / 19.8 x 8.78 x 7.83
Cat. No.	AAA23706	AAA23701	AAA23707	AAA23702	AAA23703	AAA23704	AAA23705

JEIO TECH

Hood

More detail page 190

PMH-720

POH-720
with EM-33 (option)

Fume Hood, Small type

· Excellent chemical resistance due to polyethylene material.
· Top hole that can be connected to the exhaust system.
· The front and back side are made by wide transparent window (PC), useful for simulation and observing in school. (only POH models)

Model		POH-720	PMH-720
Material	Body	Polyethylene	Polyethylene
	Observation window	O	X
Dimension	Exterior (mm / inch)	720 x 472 x 535 / 28.3 x 18.6 x 21.1	720 x 472 x 535 / 28.3 x 18.6 x 21.1
	Duct hole (O.D., mm / inch)	150 / 6	150 / 6
	Net weight (kg / lbs)	9.7 / 21.4	9.7 / 21.4
Cat. No.		**AAAB5021**	**AAAB5011**

Desiccator

More detail page 230

Vacuum Desiccator, Cubic

· Max. 1 Torr vacuum maintained for 72 hours.
· Strong and transparent polycarbonate material.
· Includes vacuum gauge as standard.
· Height-adjustable shelves.
· Multi-level stacking structure for space efficiency.

Desiccator

· Hygrometer included.
· Transparent PC material makes for convenient internal observation.
· Two drawers provided.
· Includes desiccant tray as standard.
· UV blocking model provided for light-sensitive samples.

Cat. No.	Capacity (L/cu ft)
AAAD4001	11 / 0.39
AAAD4021	23 / 0.81
AAAD4011	35 / 1.24
AAAD4031	45 / 1.59

Cat. No.	Capacity (L / cu ft)
AAAD5011 (Clear)	35 / 1.24
AAAD5111 (UV protection)	35 / 1.24
AAAD5021 (Clear)	50 / 1.77
AAAD5121 (UV protection)	50 / 1.77

Lab Essentials

Connection

Tubing Connector

· Excellent chemical resistance due to polypropylene material.
· 121°C, Autoclavable.
· Structure prevents tubes from dropping, adding convenience.
· T-shape, Y-shape, Cross Type, Straight Type.
· Various sizes from 3.2 mm to 12.7 mm.

Lab Companion's Premium Consumables
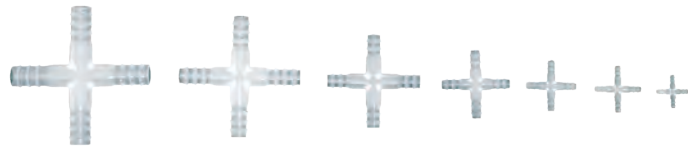
O.D. (mm)	O.D. (inch)	Cat. No.			
		T-shape	Y-shape	Cross	Straight
3.2	1/8	00CJA0009042	00CJA0009057	00CJA0009048	N/A
4.0	5/32	00CJA0009041	00CJA0009058	00CJA0009047	N/A
4.7	3/16	00CJA0009044	00CJA0009046	00CJA0009050	00CJA0009051
6.0	1/4	00CJA0009043	00CJA0009045	00CJA0009049	00CJA0009054
8.0	5/16	00CJA0009055	00CJA0009059	00CJA0009061	N/A
9.5	3/8	00CJA0009036	00CJA0009037	00CJA0009062	00CJA0009052
12.7	1/2	00CJA0009056	00CJA0009060	00CJA0009063	00CJA0009053

Filter Adapter

Filter Adapter

· Can be used between the filtering funnel and the filtering flask during vacuum filtration.
· Excellent sealing and adhesion with silicone material.
· Various uses for flasks as they come in various sizes.

63 mm
40 mm
20 mm
63 mm
30 mm
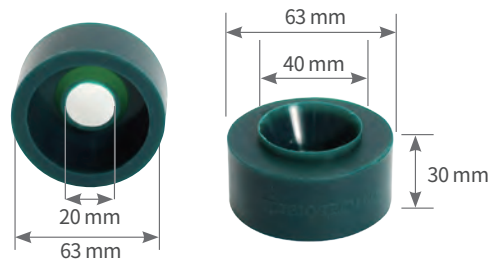
Cat. No.	Description
AAA72200	Filter Adapter (5ea / pk)
AAA72210	Filter Adapter (10ea / pk)

JEIO TECH

Clamp

Clamp Holder

· Aluminum die-casting and plastic materials allow for lightweight and rigid fixation.
· C-20 and C-10 are suitable for overhead stirrers.
· C-10, C-7 and C-5 models are suitable for use with hotplates and magnetic stirrers.
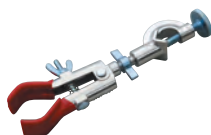· Applicable to 5/8" diameter support rod.

Support Rod

C-20

C-10

C-7

C-5

Model	C-20	C-10	C-7	C-5
Max. Ø (mm)	27	17	12	12
Cat. No.	AAA37511	AAA37512	AAA37513	AAA37514

Utility Clamp

Utility Clamp 3 Prong   Utility Clamp Plat   3 Prong Clamp   2 Prong Clamp   Fixing Clamp

Cat. No.	Description
BEA1000001	Utility Clamp 3 Prong
BEA1000002	Utility Clamp Plat (2P)
BEA1000011	3 Prong Clamp (80 mm grip)
BEA1000012	3 Prong Clamp (60 mm grip)

Cat. No.	Description
BEA1000013	3 Prong Clamp (20 mm grip)
BEA1000014	2 Prong Clamp (60 mm grip)
BEA0570181	Fixing Clamp

Lab Essentials