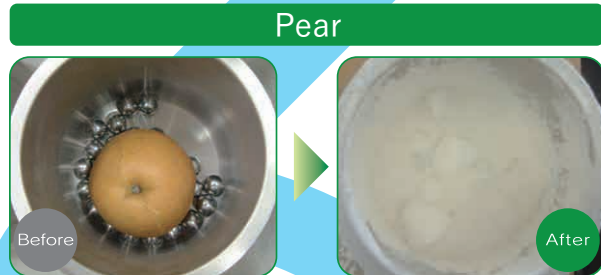


Grinding and Homogenization



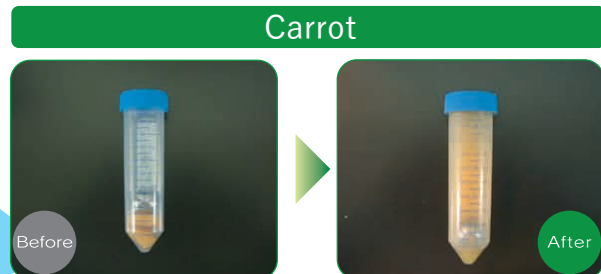
Sample 1 piece: 500g / Stainless steel container 1000ml / Stainless steel 20mm x 25 pieces / Liquid nitrogen



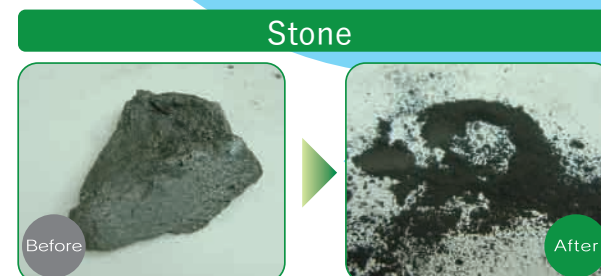
Sample 100g / Stainless steel container 250ml / Stainless steel 20 mm x 12 pieces / Liquid nitrogen



Sample 150g / Stainless steel container 250ml / Stainless steel 20 mm x 12 pieces / Liquid nitrogen



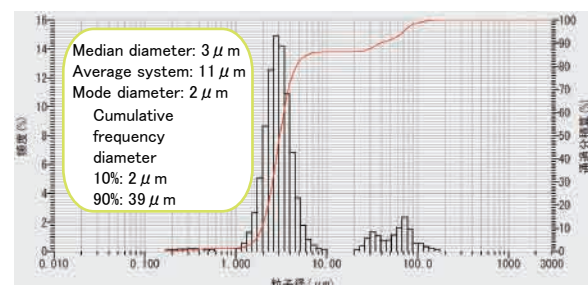
Sample 4g / 50ml tube / stainless steel 20 mm x 1 piece



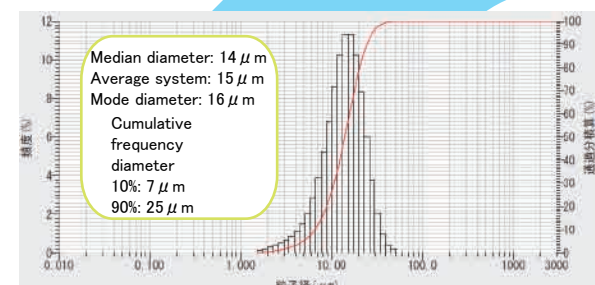
Sample 50g / Stainless steel container 250ml / Stainless steel 20 mm x 12 pieces



Sample 500mg / 13ml aluminum case / stainless steel 15 mm x 1 / liquid nitrogen



Sample 500mg / 80ml zirconia container / Zirconia 15mm x 12 pieces / Liquid nitrogen



Sample 500mg / 80ml zirconia container / zirconia 15mm x 12 pieces / liquid nitrogen

3D HIGH-THROUGHPUT BEAD TYPE HOMOGENIZER

Easily homogenize cells and tissues.
Suitable for DNA/RNA/protein extraction.
Process multiple samples at the same time,
saving time and labor.



3D homogenizer



No mortar or pestle required.



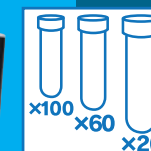
Processing in liquid nitrogen & frozen conditions

- Auto-clamp system allows one-touch operation by simply placing the case.
- Supports processing of multiple samples and large volumes, greatly reducing preprocessing effort

Shake Master[®] Auto



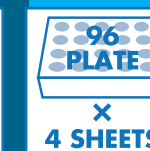
BMS-A20TP



Simultaneous Crushing of multiple samples
2ml x 100,
15ml x 60,
50ml x 20



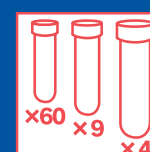
Variety of containers
1.5ml tube~
1000ml container



Simultaneous crushing of
384 samples



Shake Master[®] NEO



Simultaneous Crushing of multiple samples
2ml x 60,
15ml x 9,
50ml x 4



Variety of containers
1.5ml tube~
250ml container



Simultaneous crushing of
192 samples

- Compact and benchtop type
- Safe and easy operation with manual lock system
- Sound deadening design



BMS-M10N21



<https://www.bmsci.com>

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TEL:+81-3-3513-5242 FAX:+81-3-3513-5243

info@bmsci.com



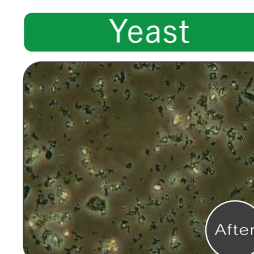
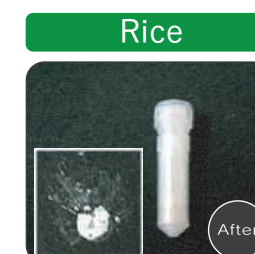
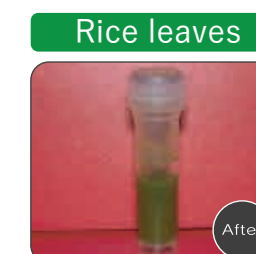
ShakeMaster Lab



SUBSCRIBE



Grinding and Homogenization



High Throughput Homogenizer

Floor standing type

Shake Master[®] Auto

Made in Japan

- Extremely convenient for crushing, stirring, dispersing, emulsifying samples
- Simultaneous processing of multiple samples and large quantities of samples eliminates the hassle of preprocessing



Specification
 Vibration frequency : 450~ 1,100 rpm
 Time setting : 1 sec to 59 min 59 sec.
 Program : 10 free settings
 Size : 5 intermittent settings
 Weight : W 470 x D 582 x H 610 mm
 Power supply : AC100V, 50/60Hz, 10A
 Installation : floor



3D homogenizer
 Rotational movement to the XYZ axes!
 Homogeneously crushed!

Crush in frozen state using liquid nitrogen!

No mortar or pestle required.

Simultaneous crushing of 384 samples

Continuous operation for long periods of time (~ 59 min 59 sec)

Auto clamp One-touch operation

Variety of containers 1.5ml tube~ 1000ml container

Number of batch processing samples

Type of container	1.5ml 2.0ml	13ml 15ml	50ml	96 Deep Well Plate	Stainless container (For frozen crushing)
RT	100	64	20	4 plate	10ml x 4 45ml x 4 250ml x 1 1,000ml x 1
4°C-196°C	100	32	10	2 plate	

Benchtop type

Shake Master[®] NEO

Made in Japan

- Ideal for DNA/RNA/protein extraction
- Mechanization allows uniform sample preparation



Number of batch processing samples

Type of container	1.5ml 2.0ml	13ml 15ml	50ml	96 Deep Well Plate	Stainless container (For frozen crushing)
RT	60	9	4	2 plate	45ml x 4 250ml x 1
4°C-196°C	60	9	4	---	

3D homogenizer
 Rotational movement to the XYZ axes!
 Homogeneously crushed!

Crush in frozen state using liquid nitrogen!

No mortar or pestle required

Compact sound deadening design

Simultaneous crushing of 192 samples

Variety of containers 1.5ml tube~ 800ml container

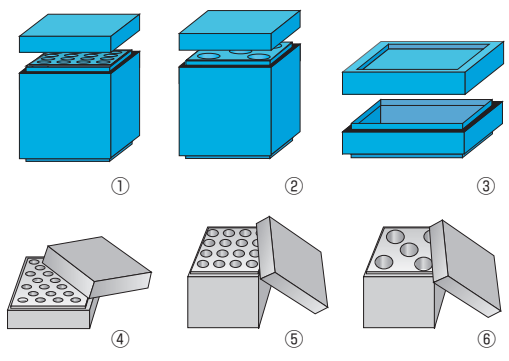
Continuous operation for long periods of time (~ 59 min 59 sec)

Easy operation with manual lock

Specification
 Vibration frequency : 450~ 1,500 rpm
 Time setting : 1 sec to 59 min 59 sec.
 Program : 10 free settings
 Size : 5 intermittent settings
 Weight : W 520 x D 455 x H 484 mm
 Power supply : AC100V, 50/60Hz, 10A
 Installation : Benchtop



Option Block & Container



Rack & aluminum block

Product No	Product Name	Number of storage units
① MR15-16	Master rack for 13ml/15ml	16
② MR50-05	Master rack for 50ml	5
③ MR96-01	96DeepWellPlate Rack	1
④ AB02-0025	Aluminum block for 1.5ml/2ml	25
⑤ AB15-0016	Aluminum block for 13ml/15ml	16
⑥ AB50-0005	Aluminum block for 50ml	5

Stainless steel container

Product No	Product Name
STC-1000	Stainless steel container 1000ml
STC-250	Stainless steel container 250ml
STC-45	Stainless steel container 45ml
STC-10	Stainless steel container 10ml
AB45-0002	For 10/45ml stainless steel containers Aluminum block (2 pieces stored)



Option Block & Container For NEO

- Aluminum block for 1.5ml/2ml
- Aluminum block for 13ml/15ml
- Aluminum block for 50ml
- 3 types mixed aluminum block (2ml/15ml/50ml)
- 96DeepWellPlate Rack
- Stainless steel container 45ml
- 45ml rack for Neo
- Stainless steel container 250ml
- 250ml rack for Neo

Grinding and Homogenization

