

Shake Master® **Auto**

3-Dimensional High Throughput Bead Type Homogenizer



SHAKE!!



"One-touch"
automatic Homogenize

"Homogenization"
is solved all at once.

Processing Capacity

Type of vessel	1.5ml		13ml	50ml	96 Deep Well Plate	Stainless steel containers (For frozen Homogenized)
	2.0ml	15ml				
Maximum number of treatment	RT	100	64	20	4	10ml x 4
	Refrigeration (4°C)					45ml x 4
	~	100	32	10	2	250ml x 1
	Frozen (-196 °C)					1000ml x 1



Unnecessary

Best for the extraction of DNA/RNA/Protein.

Feature

- The perfect sealed, no sample loss or contamination.
- 3-D beads impact type offers to produce effective homogenization.
- The freeze homogenization by liquid nitrogen is possible.
- 384 samples Simultaneous processing
- Multi function - Fruits also crush as it is.
- The auto clamping system - Automatically hold the rack.
- Program timer function - Program time of ten can be made.
- Intermittent timer program function - Mild homogenize
- Rotational speed changeability function - 1 rpm controls
- Touch panel - Easy operation
- It corresponds to a special container and the custom-designed container.

Sample homogenization

- Tissues and seeds of monocot and dicot plant
- Wheat/Corn/Soybeans/Rice/Apple/Pear/Strawberry/Citrus/Tobacco/Arabidopsis/Cedar/Cherry/Sesame/Seaweed etc.
- Yeast/E.coli/Bacillus subtilis etc.
- Sheep/Horses/Birds/Fish/Insects/Human/Mouse/Rat/Cow etc.

Specifications

ShakeMaster AUTO ver.2.0 BMS-A20PT

- Homogenization system : 3-Dimensional Bead Type (Cycling Scheme)
- Vibration system : Vertical vibration and Automatic clamping
- Vibration rotation : 450~1100rpm
- Setting of timer : 1sec. ~ 59min59sec.
- Action set : Programmed by touch panel input
- W x H x D closed : 470 x 582 x 610 mm
- Weight : 104 kg
- Frequency : 100V 15A 50/60/Hz

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Made in Japan

[Papers published]
1. The Plant Cell 17:3470-3488 (2005)
AREB1 is a Transcription Activator of Novel ABRE-Dependent ABA Signaling That Enhances Drought Stress Tolerance in Arabidopsis[W]LOA
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Kazuo Shinzaki and Kazuo Yamaguchi-Shinozaki
2. The Plant Journal volume 34 Page 741 - June 2003
Activation tagging: a novel tool to dissect the functions of a gene family
Miki Nakazawa, Takahiro Ichikawa, Akie Ishikawa, Hiroko Kobayashi, Yumi Tsuchida, Mika Kawashima, Kuniko Suzuki, Shu Muto, Minami Matsui
3. The Plant Journal volume 36 Page 421 - November 2003
Sequence database of 1172 T-DNA insertion sites in Arabidopsis activation-tagging lines that showed phenotypes in T1 generation
Takanori Ichikawa, Miki Nakazawa, Mika Kawashima, Shu Muto, Kazuhiro Kohda, Kuniko Suzuki, Akie Ishikawa, Hiroko Kobayashi,
Takeshi Yoshizumi, Yuiko Tsuruta, Yumi Tsuchida, Haruko Izumi, Yukio Goto, Minami Matsui