

Single Cell Suspension Dissociator



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CONTRIBUTE WISDOM AND STRENGTH TO THE IMPROVEMENT OF QUALITY

АНА•М
современная лаборатория

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RWD Single cell suspension dissociator uses tissue processing tubes, tissue dissociation kits, and built-in optimization programs for preparing high-activity single-cell suspension and tissue homogenate. The preparation of single-cell suspension with high cell viability can be completed within 15-30 minutes, which makes the experiments more reproducible. 4 independent operating channels and heating jackets can automate the processes and improve the efficiency of tissue processing.

It widely used in single-cell sequencing, primary cell culture, fluorescence-activated cell sorting, cell therapy, and other research fields.

Product Characteristics

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Intelligent

- Pre-defined standard processes and customized processes supported.
- Processes can be imported and synchronized via USB ports.

Efficient

- 4 independent channels work simultaneously for different tissue processing.
- Heating jackets are available for fully automated sample preparation.
- Capable of single-cell suspension and tissue homogenate.

Gentle

- Stable motor speed ranges from 0 to 4000 rpm.
- Customized tissue dissociation kits and tissue processing tubes can ensure cell viability and reduce experimental losses.

Safe

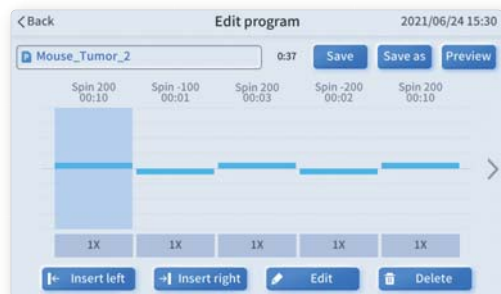
- Multiple alarms guarantee the safety of both operators and samples.
- Fully sealed tube prevents contamination of cells.

DSC-400 Single Cell Suspension Dissociator

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Tube position detecting



Stage	1	2	3	4	5	6	7
Cycle	1	1	1	1	1	1	1
Heating	No	No	No	No	No	No	No
Step	Spin	Spin	Spin	Spin	Spin	Spin	Spin
Speed	200	-100	200	-200	200	-200	200
Duration	00:10	00:01	00:03	00:02	00:10	00:02	00:09

Visualized and editable programs



Technical Parameters

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Model	DSC-400
Sample volume	20-4000mg
Buffer volume	0.3-10mL
Speed	0-4000 rpm
Temperature	37°C
Channels	4
Operation method	Touch screen
Dimensions (W*D*H)	215*380*190 mm
Weight	10.3 kg

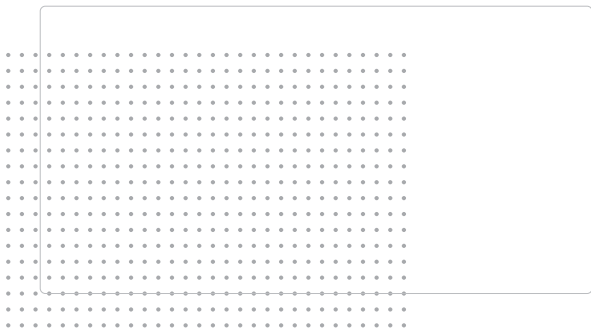


Consumables

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Tissue processing tube

- Ⓡ Ethylene oxide(EO) sterilized.
- Ⓡ Independent packaging make it convenient for storage and use.



Model	SCT-25、SCT-100
Sample volume	20-4000mg
Buffer volume	0.3-10mL
Dimensions	35*89mm
Package	25pcs/box、100pcs/box

Enzymatic Digestion Kit

- Targeted optimization of enzymatic hydrolysis formula can ensure high cell viability.
- Preserving cell surface epitopes leads to no effect for downstream experiments.



Product Description	Model	Number of reactions
High Activity Tumor Tissue Enzymatic Digestion Kit (Mouse)	DHTE-5001	50T
High Activity Neonatal Brain Enzymatic Digestion Kit (Mouse and Rat)	DHNBE-5002	50T
High Activity Adult Brain Enzymatic Digestion Kit (Mouse and Rat)	DHABE-5003	50T
High Activity General Tissue Enzymatic Digestion Kit	DHGT-5004	50T

Order Information

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Cat No.	Product Description
DSC-400	Single cell suspension dissociator
SCT-25	Tissue processing tube(25pcs/box)
SCT-100	Tissue processing tube(100pcs/box)
HJ-400	Heating Jacket (4 Pcs)

000 «Диаэм»

Москва
ул. Магаданская, д. 7, к. 3 ■ тел./факс: (495) 745-0508 ■ sales@dia-m.ru

www.dia-m.ru

С.-Петербург
+7 (812) 372-6040
spb@dia-m.ru

Новосибирск
+7(383) 328-0048
nsk@dia-m.ru

Воронеж
+7 (473) 232-4412
vrn@dia-m.ru

Йошкар-Ола
+7 (927) 880-3676
nba@dia-m.ru

Красноярск
+7(923) 303-0152
krsk@dia-m.ru

Казань
+7(843) 210-2080
kazan@dia-m.ru

Ростов-на-Дону
+7 (863) 303-5500
rnd@dia-m.ru

Екатеринбург
+7 (912) 658-7606
ekb@dia-m.ru

Кемерово
+7 (923) 158-6753
kemerovo@dia-m.ru

Армения
+7 (094) 01-0173
armenia@dia-m.ru

