

RWD

# Single Cell Suspension Dissociator



## Single Cell Suspension Dissociator

CONTRIBUTE WISDOM AND STRENGTH TO THE IMPROVEMENT OF QUALITY

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

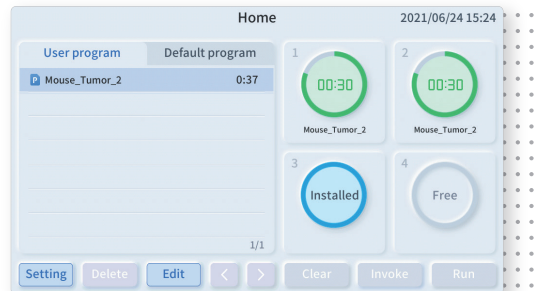
- Stable motor speed ranges from 20 to 4000 rpm.
- Customized tissue dissociation kits and tissue processing tubes can ensure cell viability and reduce experimental losses.

## Safe

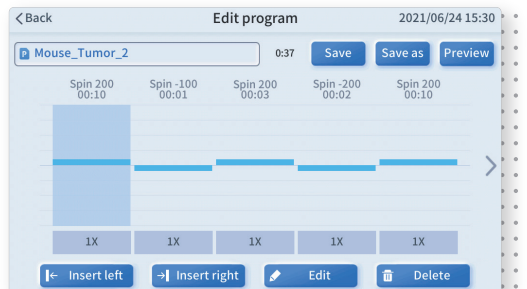
- Multiple alarms guarantee the safety of both operators and samples.
- Fully sealed tube prevents contamination of cells.

# DSC-400 Single Cell Suspension Dissociator

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## Tube position detecting



The 'Preview program' screen displays a table of program parameters for 'Mouse\_Tumor\_2'.

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	20-4000 rpm
Temperature	37°C
Channels	4
Operation method	Touch screen
Dimensions (W*D*H)	215*380*190 mm
Weight	~9.0 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 Spleen Tissue Enzymatic Digestion Kit (Mouse)	DHSE-5004	50T
Other Tissue Enzymatic Digestion Kit		

## 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)
DHTE-5001	High Activity Tumor Tissue Enzymatic Digestion Kit (Mouse)

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