

Technical Parameters

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	DSC-200	DSC-410	DSC-810
Channels	2	4	8
Temperature	37°C		
Speed	0~4000rpm		
Sample Volume	20~4000mg		
Buffer Volume	0.3-10mL		
Screen	7 inches,touch screen		
User Programs	default programs+500 user programs	default programs+custom programs+500 storable programs	
Weight	9 kg	10.3 kg	18 kg
Dimensions (W*D*H)	215*380*190 mm	215*380*190 mm	415*381*256 mm

Consumables

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Enzymatic Digestion Kits

- Optimized enzymatic reagents,protecting surface antigens
- Meet the dissociation of human, rat, mouse and other species
- Meet the dissociation of tumors, brain, skin, intestine, fat and other difficult tissues



Heating Jacket

- Stable and accurate temperature (37°C)
- Temperature fluctuation range of $\pm 0.5^{\circ}\text{C}$



Tissue processing tube

- Independent package, safe and sterile
- Sample volume:20-4000mg
- Buffer volume: 0.3-10mL

*Not sold in the U.S.

Order Information

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Cat No.	Product Description	Specification
DSC-200	Single Cell Suspension Dissociator	2 channels
DSC-410	Single Cell Suspension Dissociator	4 channels
DSC-810	Single Cell Suspension Dissociator	8 channels
SCT-25	Tissue Processing Tube	25 pcs/box
SCT-100	Tissue Processing Tube	100 pcs/box
HJ-400	Heating Jacket	4 pcs/box

Cat No.	Product Description	Specification
DHTE-5001	High Activity Tumor Tissue Enzymatic Digestion Kit(Mouse)	50T
DHNBE-5002	High Activity Neonatal Brain Enzymatic Digestion Kit(Mouse and Rat)	50T
DHABE-5003	High Activity Adult Brain Enzymatic Digestion Kit(Mouse and Rat)	50T
DHGT-5004	High Activity General Tissue Enzymatic Digestion Kit	50T
DHTEH-2505	High Activity Tumor Tissue Enzymatic Digestion Kit(Human)	25T
DHIE-5007	High Activity Intestine Tissue Enzymatic Digestion Kit(Mouse)	50T
DHBTE-2508	High Activity Brain Tumor Enzymatic Digestion Kit	25T
DHWSE-2509	High Activity Whole Skin Enzymatic Digestion Kit(Mouse)	25T
DHAE-5010	High Activity Adipose Tissue Enzymatic Digestion Kit(Mouse and Rat)	50T
DHDR-5006	High Efficiency Debris Removal Kit	50T
DHNE-2511	High efficiency nuclei extraction kit	25T
DHHE-2515	High Activity Hepatocyte Extraction Kit (Mouse and Rat)	15T

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Single Cell Suspension Dissociator

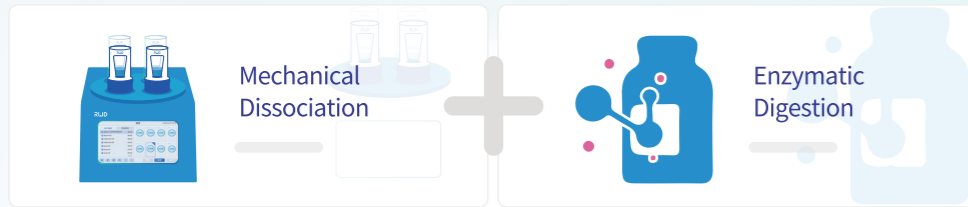


RWD Single cell suspension dissociator can gently dissociate fresh tissue into single cell suspension or tissue homogenate. It matches with tissue processing tubes, tissue dissociation kits, and optimization programs for different tissues. The preparation of single cell suspension can be completed within 15-30 minutes, and multi-channels can operate independently, which makes the experiments more efficient.

RWD Single cell suspension dissociator is a good preparation for high quality single cell suspension, simultaneously is homogenous and high experimental repeatability.

Product Principle

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Product Characteristics

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High quality

- Single cell suspension with high viability and yield
- Gentle dissociation protects cell surface antigens

High efficiency

- Completed within 15-30 minutes
- Multi-channels operate independently
- Quick dissociation with one click

Standardization

- A variety of default dissociation procedures
- Specialized accessories, reagents and consumables
- Stable temperature(37°C), accurate speed (0~4000rpm)

Multi-applications

- Meet a variety of downstream experiments
- Multiple enzymatic digestion kits cover most tissues

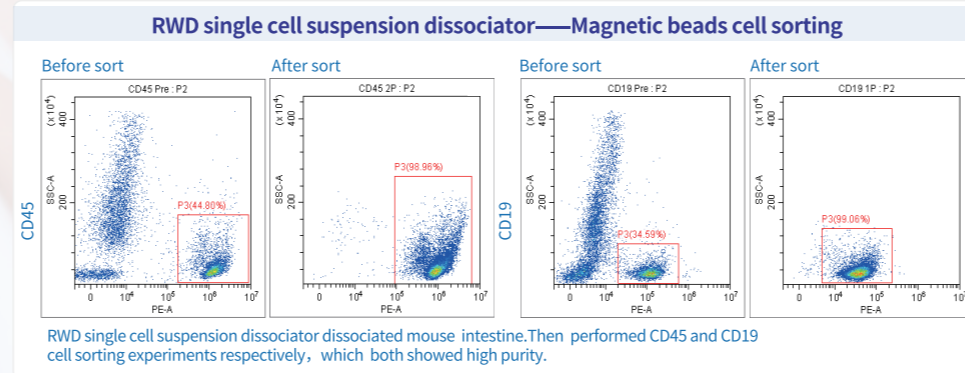
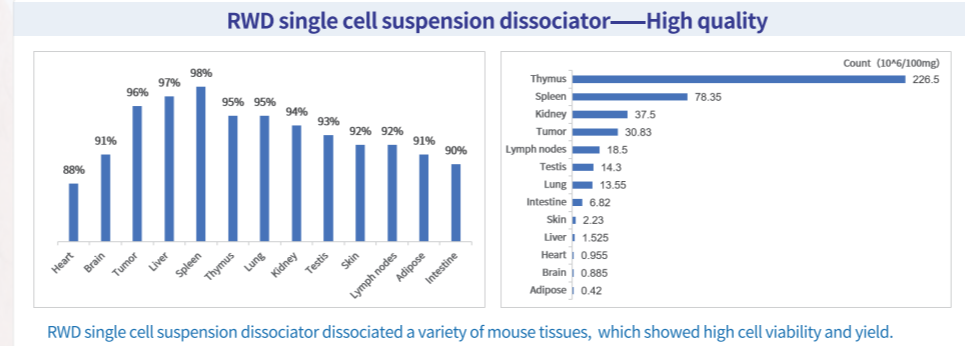
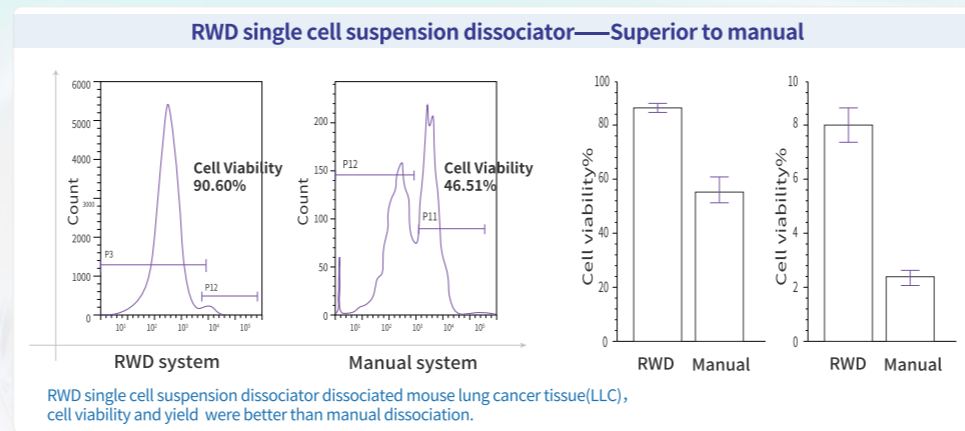
Workflow

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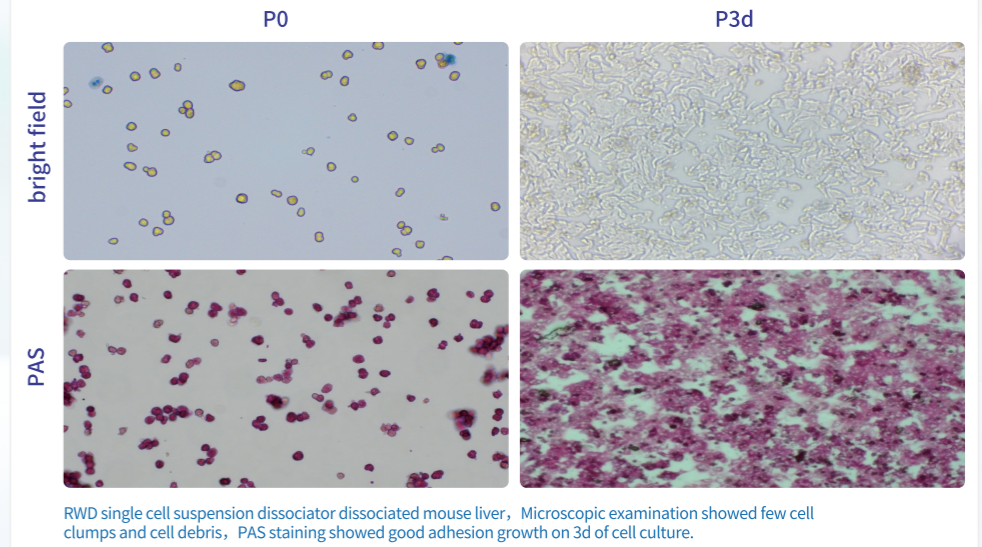


Data presentation

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RWD single cell suspension dissociator—Primary cell culture



Product Application

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Single cell sequencing

Flow cytometry

Magnetic beads cell sorting

Primary cell culture

Organoid culture

Experimental medicines testing

