

Gentle m-MagS™

Fully Automatic m-MagS Cell Sorting System

AUTO

Automated



Flexible

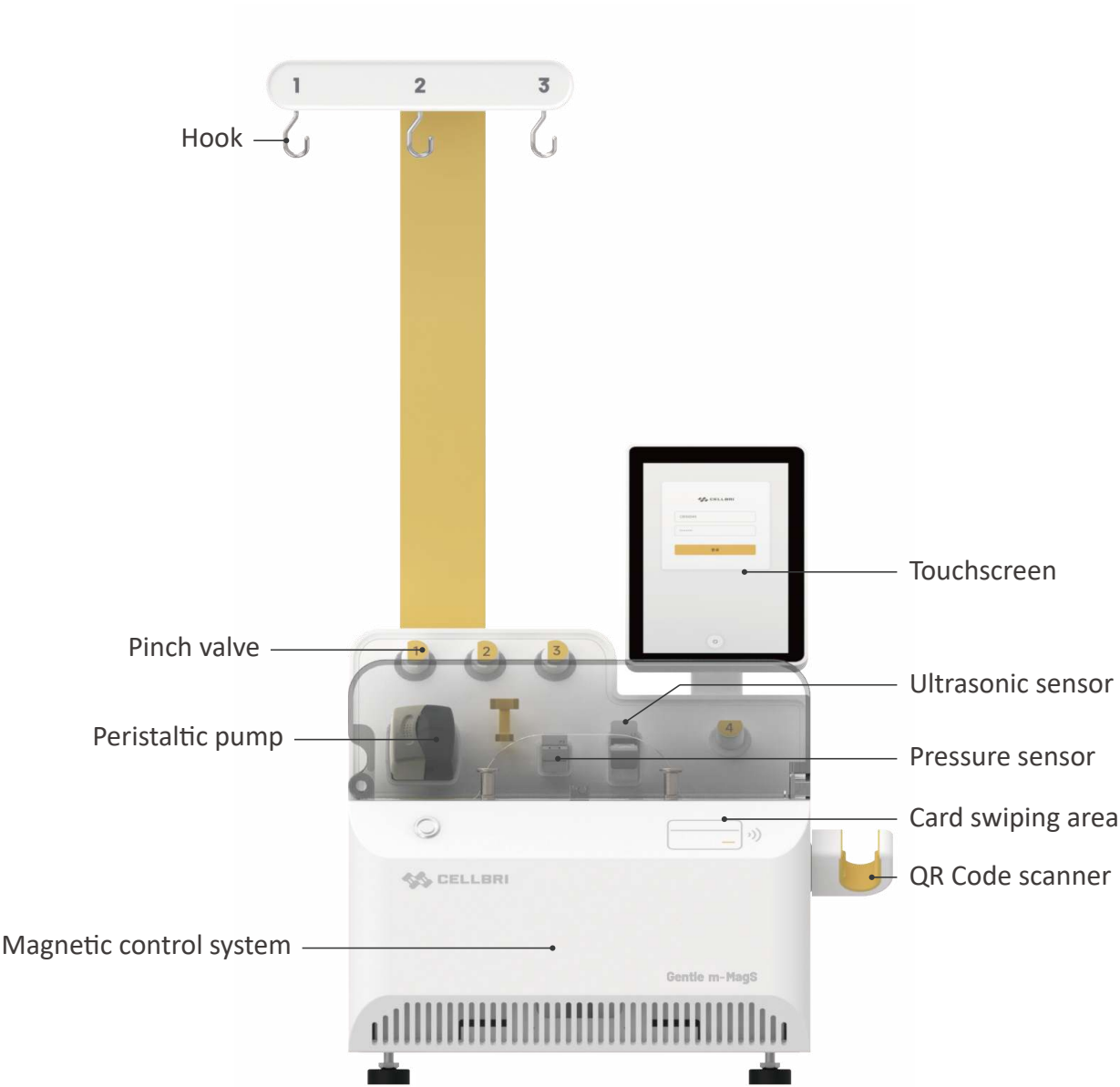


Fully closed



Overview

Gentle m-MagS™ is composed of magnetic field control system, hydraulic control system, software control system, and disposable sterile closed consumables, which is flexibly adapted for the processing of microbeads based cell sorting by microbeads and microbeads removal.

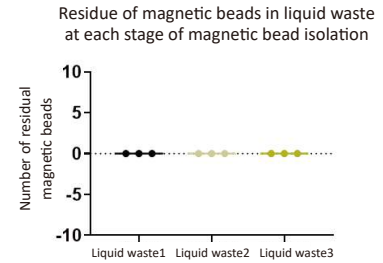
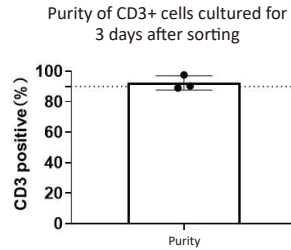


Product Features

Cell Isolation

- Continuous processing,
- The maximum number of cells is $5E8$
- Yield up to 80%
- Processing time: 10–15 minutes

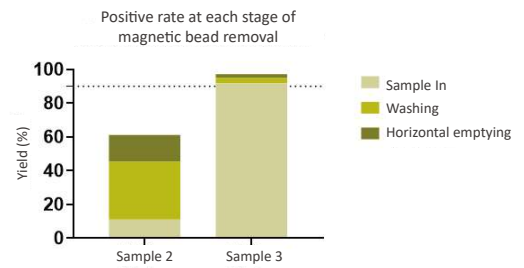
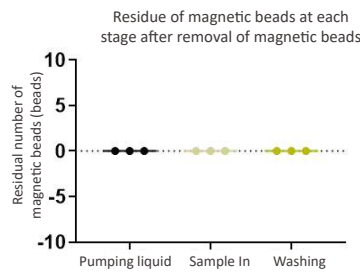
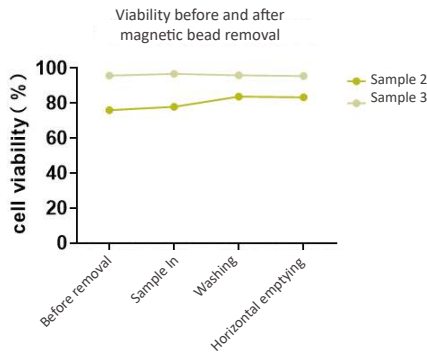
Initial PBMCs cells count	T cells count	Microbeads type	Microbeads/cells
2E8	6.5E7	CD3/CD28 activation microbeads	3:1



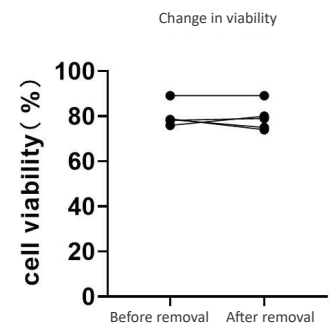
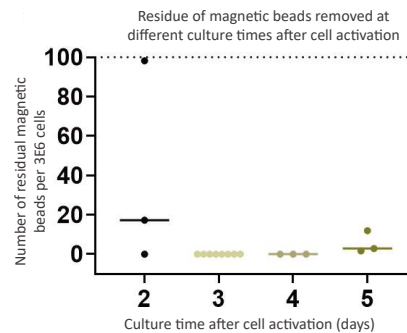
Mircobeads Removal

- Supports up to 20 L of $1E11$ cells
- Flow rate range: 0–95 mL/min
- Microbeads residue: < 100 beads/ $3E6$ cells

Group	T cell count	Number of magnetic beads	Culture days
Sample 2	5.71E7	1.95E8	3
Sample 3	4.29E9	1.95E8	14



Culture days	T cell count
2	9.0E6~3.4E7
3	8.4E5~1.2E8
4	1.9E7~6.6E7
5	3.4E7~1.2E8



Order Information

Cat#	Protocol software	Description
01020266	Disposable cell isolation kit	cell sorting by microbeads and microbeads removal

Product Specifications

Specification parameters

Size 24.4×22.8×37.0 in.

Weight 125.7lb

Power consumption parameters

Power supply 100-240 VAC,50/60 Hz

Power 450W

Port parameters

USB 2.0x2

Ethernet port 100Mbit/s

Main unit parameters

Monitor 10.1-inch TFT capacitive touch screen

Sensors Pressure sensor , Ultrasonic sensor, Angle sensor; Contact pickup, optoelectronic switch

Hook 8 pieces

Liquid delivery devices Pinch valve、 Peristaltic pump、 Pump rate: 4-400 mL/min

Consumables Disposable fully enclosed consumables

Software Linux

Cell and Gene Therapy Productivity Transformer

E-mail: marketing@cellbri.com

Web: www.cellbri.com/EN

