

# Cue

## Cell Processing System

Unmatched precision and control make Cue the definitive instrument for small volume cell processing.



For Laboratory Use only

Cue reflects our commitment to developing tools that meet your research needs.



#### **Cryopreservation Preparation<sup>1</sup>**

Concentrate and wash cells into a buffer. Then dilute with cryoprotectant, achieving desired cell concentration, and generate dose and sample aliquots in freezing bags.



#### **Small Volume Culture Media Exchange**

Concentrate and wash cells into fresh media for additional culture and dispense aliquots directly into multiple culture bags or vessels.

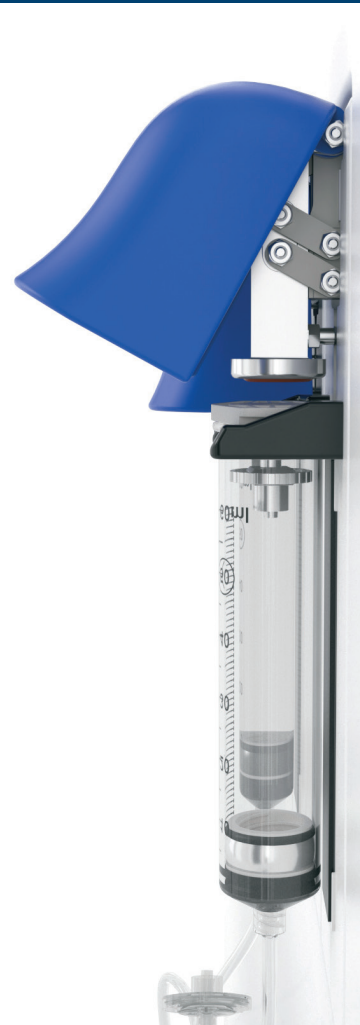


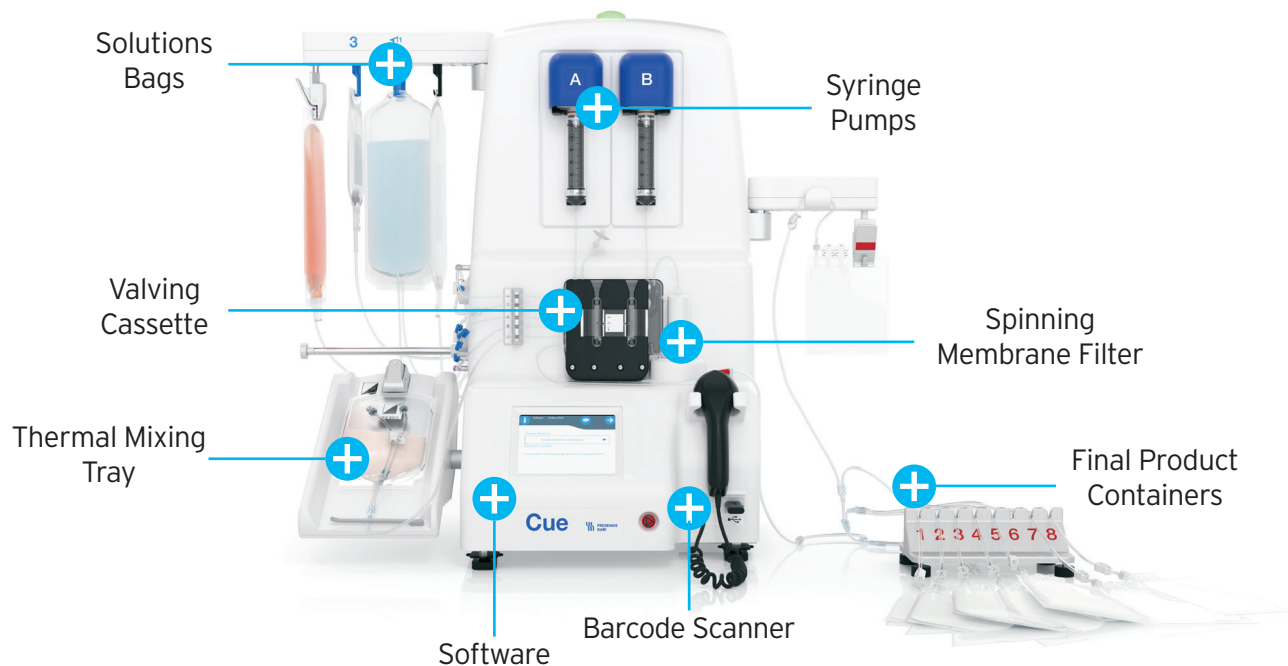
#### **Electroporation Preparation**

Concentrate and wash cells into electroporation buffer to achieve desired cell concentration for electroporation.

## **Novel technology to solve the most challenging problems**

Cue's functionally closed syringe pumps set a new standard of precision and control for small volume cell processing. By pairing this breakthrough with Lovo's proven spinning membrane filtration technology, we can now tackle some of the most important steps in a manufacturing process. Whether you're formulating and aliquoting a final product or performing upstream wash and concentration, Cue delivers unmatched results across a wide range of critical applications.





## Take control of processing consistency and product quality

The combination of our functionally-closed syringe pumps, a valving cassette, and our spinning membrane separation technology enable high accuracy concentration, formulation, and aliquoting. Additionally, Cue's highly configurable protocol design suite gives users the ability to customize protocols and determine final and in-process volumes required before procedure start to achieve concentration and formulation ratio targets.

Concentrate

Wash

Dilute

Formulate

Aliquot

### Building blocks make protocol design easier than ever

Cue performs a wide range of cell processing functions. With our included Cue Desktop Application Software, you can easily create protocols that meet your processing needs. You can choose to do all steps, or only a few. Please speak with your local Application Specialist to learn more.

Viable Cell Recovery<sup>1</sup>

94.0%

Aliquot Viability Variability<sup>1</sup>

1.6%

Final Aliquot Volume Accuracy<sup>1</sup>

±4.0%

Aliquot Concentration Variability<sup>1</sup>

4.4%

# Cue Processing System

## Instrument features

### Volumes

Source Input	Validated: 10 - 500 mL (Software entry allows 1 - 9,999 mL) <sup>2</sup>
Minimum Final Product Volume	10mL (Single Aliquot), 2 mL (Multiple Aliquots)
Volume Accuracy	±10% or 1mL, whichever is greater

<sup>2</sup>The system allows for entry of up to 9,999 mL however ability to process may depend on cell type, cell concentration, and source volume

### General Features

- Active Temperature Control Range: 3-22 °C
- Protocol Options<sup>3</sup>: Concentrate, Wash, Dilute, Formulate, Aliquot
- Save up to 20 protocols on the instrument at any time

<sup>3</sup>Protocols can be configured to include all or a subset of the available options

### Cue Desktop Application Software Included With Purchase

- Protocol design and management
- Offline procedure estimator
- View and store procedure records

### System Components

94 lb, 35.3" X 18.8" X 32.6" (W x D x H<sup>4</sup>) benchtop instrument  
42.6 kg, 89.7 X 47.8 X 82.8 cm (W x D x H<sup>4</sup>) benchtop instrument

<sup>4</sup>The instrument height may be variable depending on the configuration of the instrument feet. The maximum height is listed above.

## References

1. Product Quality Test Results: 224-DER-067124

## Product Ordering Information

Product	Product Description	Quantity/Case	Research Use Only (RUO)
6R5000	Cue Instrument & Accessories	1	
X6R5001	Cue Primary Set - 0.8 µm	4	X
X6R5002	Cue Manifold Set - 8-Lead	10	

The Cue Cell Processing system is for laboratory use only. Unless the user has obtained advance clearance or approval from the appropriate regulatory agency, cells processed on this system are not intended for diagnostic purposes, direct transfusion, or for use in the production of therapeutic products or vaccines for clinical use. For applications requiring regulatory clearance or approval, users may request technical documentation from Fresenius Kabi to support their submissions.

The Cue Cell Processing System, with use of Research Use Only (RUO) disposable product, is not for human use. Cells processed using the RUO set are not for production of a therapeutic product or vaccine, clinical use, or direct transfusion to a patient. The sterility of the RUO set pathway cannot be guaranteed.

Refer to the Cue Cell Processing System User's Guide for a complete list of warnings and precautions associated with the instrument.

**Learn how choosing Cue can help make your lab more productive:  
Call 1.800.333.6925 or [choosecue.com](https://www.choosecue.com)**

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caring for life

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