

Cue[®]

Cell Processing System

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



For Laboratory Use only

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to Learn More



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



Cryopreservation Preparation¹

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

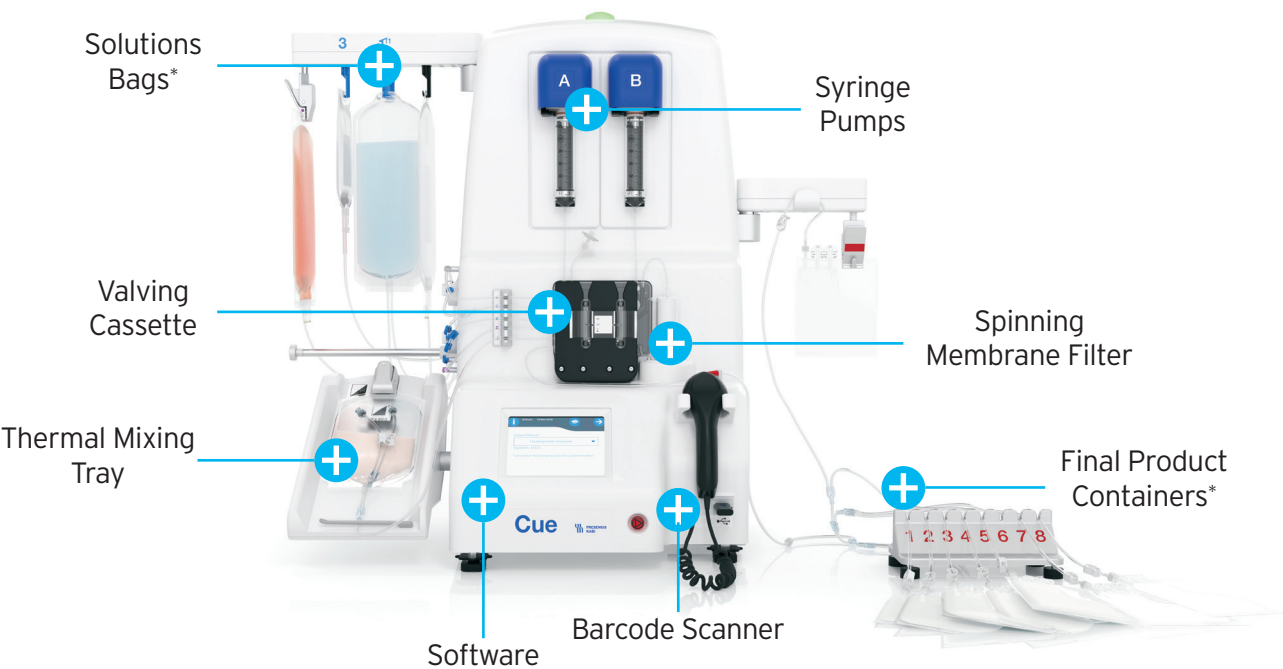
Concentrate and wash cells into electroporation buffer to achieve desired cell concentration for electroporation.

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.



Instrument Components - Depiction of Instrument In Use



*Cue Light shield not shown here.
• Solution bags are user provided and not part of the Cue consumable.
• Final product container(s) are user provided and are not part of the Cue consumable

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 the 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 ¹	Automated Source Processing Time ¹
98.3±4.9	22.0±1.8 min
Viability Change (from Source) ¹	Aliquot Concentration Variability ¹
-0.6±2.1%	10.8±4.6%

Instrument features

Volumes

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

²The 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 Options³: Concentrate, Wash, Dilute, Formulate, Aliquot
- Save up to 20 protocols on the instrument at any time

³Protocols 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 H⁴) benchtop instrument
42.6 kg, 89.7 X 47.8 X 82.8 cm (W x D x H⁴) benchtop instrument

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

References

1. Source: Cue SW 1.1 Product Quality Test Results: 224-DER-078600 [A]

Product Ordering Information

Product	Product Description	Quantity/Case
X6R5004	Cue Primary Set - 4µm	4
X6R5002	Cue Manifold Set - 8-Lead	10

Not all products listed or shown are available, or approved for sale in all countries. Contact your local representative for additional information and product availability

The Cue Cell Processing System is for laboratory use only and may not be used for direct transfusion. Appropriate regulatory clearance is required by the user for clinical use.

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

**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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