

Celution® 800/CRS System

The Celution 800/CRS System is a CE-Marked medical technology developed by Cytori to automate and standardize the extraction and concentration of adult Adipose-Derived Regenerative Cells (ADRCs) in a clinical setting. The Celution System enables real-time access to autologous, clinical-grade ADRCs at the point-of-care facilitating cell therapy through the reimplantation of a patient's own ADRCs within a single surgical procedure.

The Celution 800/CRS System is composed of 3 core components:

1. Celution CRS Device

- Fully Automated
- Multi-language Display
- Processes **100–360 mL** of Tissue in Under 90 minutes

The Celution 800/CRS Device is intended for use only with the Celution 805/CRS Consumable Set, and Celase® reagent.

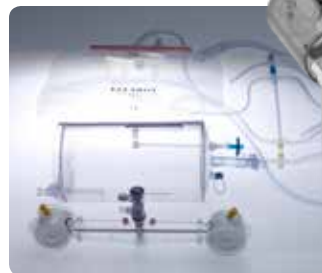
2. Celution CRS Consumable Set*

- Sterile, Single-use
- Closed-system
- Intuitive Installation and Removal

3. Celase Reagent

- Sterile Processed
- GMP Compliant
- Mammalian Tissue Free

** Procedure accessories can also be purchased with CRS Consumable Set and Celase*



How Does it Work?



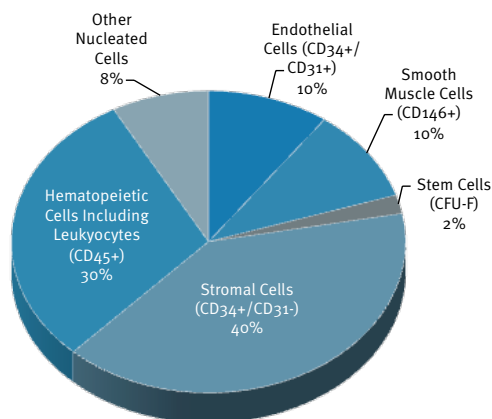
Key Benefits of Celution Procedures

Celution System	Physician	Patient
Real-time access to ADRCs	Decreased Procedure Time	Reduced Cost of Treatment
Autologous Cell Source	Minimal Immune Risk	Personalized Treatment
Closed System	Sterile Processing	Minimal Risk of Contamination

ADRC Average Yield and Composition

ADRCs are a fresh (non-cultured), clinical grade and clinically relevant heterogeneous population of cells from the Stromal Vascular Fraction (SVF) of cells from adipose tissue.

- Viable Cell Yield: 2–5 x 10⁵ cells/g (average)



Processing Volume and Times

Average process time displayed to the user

Adipose Tissue Volume (mL)	Time (minutes)
100	~70
350	~105

Many factors such as surgical technique, patient population, and donor site affect the cell yield obtained from the Celution CRS System. These numbers are based on averaged results from internal Cytori studies. Individual results may vary.

Technical Specifications

Dimensions

Width:	96 cm (38 in)
Height:	99 cm (39 in)
Depth:	61 cm (24 in)
Weight:	99 kg (218 lbs)

Electrical Power Requirements

Voltage:	100–240 V~
Current:	2.5 A
Frequency:	50–60 Hz
Fuses:	4 A/250 VAC
Phase:	Single
Power cord:	2 wires plus ground (earth) connector, IEC320 plug, 3-prong medical grade

Operational Environment

Operational Temperature Limit: 15° to 30° C (59° to 86° F)
 Storage Temperature Limit: -40° to 60° C (-40° to 140° F)
 Operational Humidity Range: 10–95% non-condensing
 Humidity Range Storage: 10–95% non-condensing

System Control Characteristics

Sound Signals

The Celution CRS Device audio alarm alerts users when a component or mechanical malfunction occurs

Control Panel

The control panel consists of 3 keys (BACK, NEXT, STOP) and a 32 character by 4 line display

Compliance Standards

EMC Compliance Standard

IEC 60601-1-2: 2001
 CISPR 11:1997 Group 1, Class A
 EN55011:1998, Amendment A2: 2002 Group 1, Class A

Electrical Compliance Standard

IEC 60601-1:2005 + CORR.1 (2006) + CORR.2 (2007)
 Classification: Class I, Type B, Ordinary, Continuous Operation

Design and specifications are subject to change without notice.