



Your Cell Therapy.
Automated Your Way.

Gentle Flex™ & Flex Pro™

Cell Processing Systems Powered by Flexible Automation

Unlock modular, GMP-ready cell processing with Gentle Flex and Flex Pro—two scalable systems engineered to streamline the most critical upstream and downstream steps in cell therapy manufacturing.

Whether you're running small-batch autologous or large scale allogeneic workflows, our flexible automation approach enables you to define and adapt your protocols, without compromising on control, traceability, or throughput.

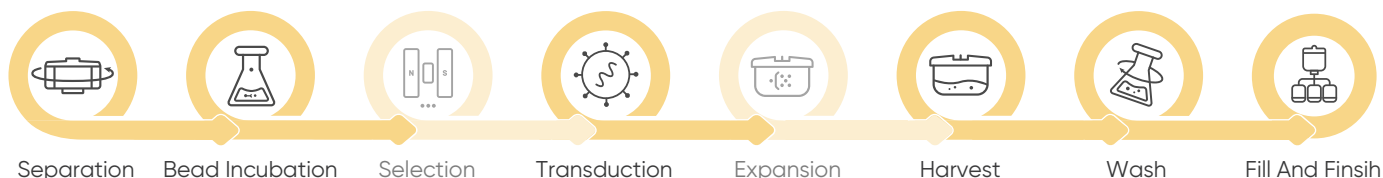
System Overview

The **Gentle Flex** and **Gentle Flex Pro** platforms support a wide range of critical cell processing operations in a closed, automated format. Designed with configurability at their core, these systems deliver high recovery, low shear, and precise control for the entire workflow – from PBMC separation through final fill / finish.

- **Continuous Flow Centrifugation:** Consistent, low shear processing
- **Configurable Systems:** Flexible modular automation
- **Ultra-fast Density-based PBMC Separation using FaSe Technology**
- **Temperature Control (4 – 37°C):** Optimal process stability
- **Sterile Sampling & Fill:** Multi-batch dispensing with ± 0.5 mL precision
- **Compliance by Design:** Robust user-access controls, secure audit trails, and support for 21 CFR Part 11 requirements streamline regulatory readiness

Where it Fits in Your Workflow:

Engineered as part of CellBri's configurable modular automation suite, the Gentle Flex & Gentle Flex Pro integrates with other unit operations to build out the entire workflow from isolation through final formulation and fill/ finish.



Tailored to Your Scale

Instrument	Separation Sample Volume	Separation Max Cell Load	Harvesting Sample Volume	Harvesting Max Cell Load
Gentle Flex	10 - 150 mL	1×10^{10} cells	10 mL - 5 L	2×10^{10} cells
Gentle Flex Pro	50 - 400 mL	3×10^{10} cells	100 mL - 50 L	1×10^{11} cells

Features + Functional Coverage

Built for Flexibility. Designed for Control

Configurable Protocols

- Run complete workflows from PBMC isolation through transduction and final fill
- 119+ validated and customizable protocols
- Full control over flow rate, temperature, dwell time, and bag routing and custom protocol development directly from software
- Suitable for whole blood, fresh/frozen apheresis, and cord blood

Precision Fill & Wash Cycles

- Multi-batch dispensing: up to 3 bags per cycle
- Separate volume control per bag
- ± 0.5 mL accuracy
- Optional cryopreservation solution exchange
- Sampling-compatible with Class C environments

Smart Automation & Monitoring

- Real-time liquid weight and flow control
- Accurate and precise fluid management
- 21 CFR Part 11 Compliant and Full digital traceability and process export

System Specifications

Category	Gentle Flex	Gentle Flex Pro
Dimensions (W × H × D)	551.18 × 624.84 × 1740.9 mm	723.9 × 693.42 × 1719.58 mm
Weight	63.82 kg	81.51 kg

Power and Connectivity / Gentle Flex and Flex Pro

Power consumption parameters		Port parameters	
Power supply Power	100-240 VAC, 50/60 Hz	USB	2.0 x 2
	450 V	Ethernet port	100Mbit/s

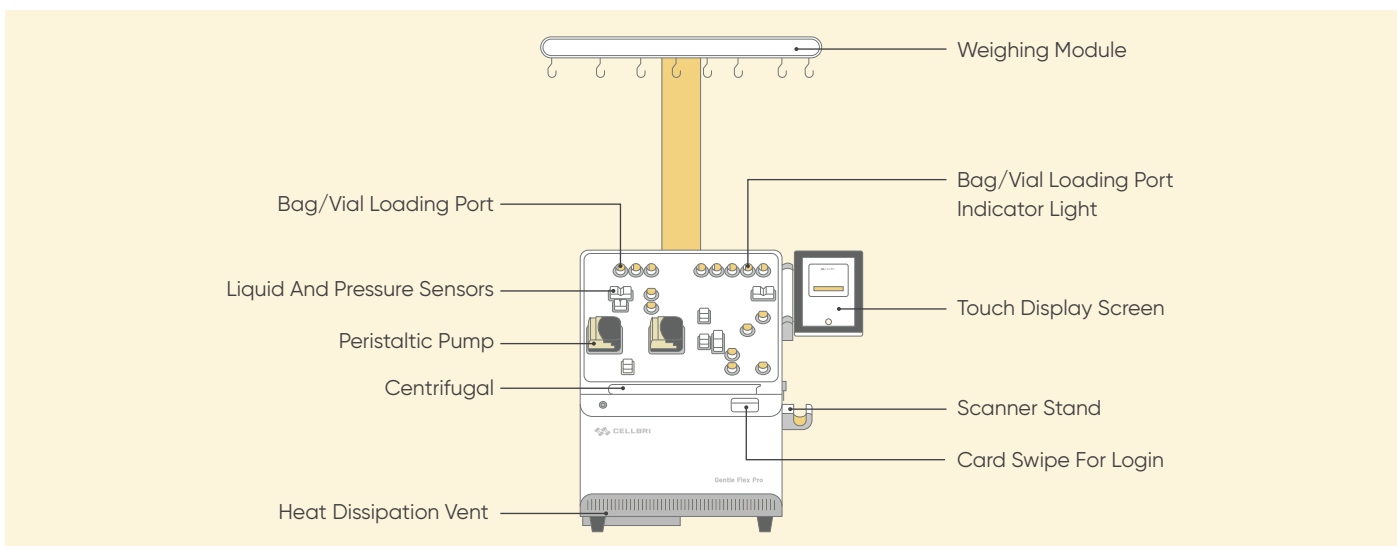
Control & Monitoring

Parameter	Capability
Pinch Valve	Controls the automatic opening and closing of kit tubing
Fluid Sensor	Detects air bubbles and fluid for protocol control during automated processes
Peristaltic Pump	Provides power to drive fluid through the tubing
Pressure Sensor	Detects pressure changes within the tubing and monitors pressure during operation
Weighing Module	Integrated scales for dynamic volume tracking
User Interface	Touchscreen Display: Intuitive, icon-based navigation for setting protocols, monitoring progress, and accessing system diagnostics.
Linux Software	Workflow automation, real time monitoring, data logging.

Why Choose Gentle Flex & Flex Pro ?

Gentle Flex and Flex Pro can be configured to support a wide range of core CGT manufacturing tasks:

- ✓ **Flexible Automation** – Adapt your protocol, not your process
- ✓ **GMP-Ready from Day One** – Software and disposables built for regulated use
- ✓ **Scalable Design** – From early-stage R&D to late-phase manufacturing
- ✓ **Minimal Cell Loss, Maximum Recovery** – Designed for gentle handling and high yield





About CellBri

CellBri is a biotechnology solutions company dedicated to delivering **accessible, flexible automation** for the next generation of cell and gene therapies. Founded in 2020, our modular, GMP-ready platforms are designed to streamline manufacturing while preserving end-user control and configurability. Today, CellBri's technologies have been adopted into **over 100 commercial therapy pipelines** worldwide, underscoring our commitment to enabling scalable, high-quality cell processing through **flexible automation**.



Ensure sterility, compatibility, and traceability with CellBri's tools and single-use consumables

Small Tools	Consumables
 <p>CB Leakguard: Portable leak testing unit CB Transfer: Automated liquid transfer unit</p>	 <p>Integrated Kits (PVC): Pre-configured kits for specific workflows Connectors and Tubing Sets: Disposable components for fluid handling Bioreactor Bags: For cultivation & processing Fluid Bags (PVC): For media handling & fluid transfer Freezing Bags (EVA): For cryopreservation post-processing Sampling Kits: For in-process testing and quality control</p>

CellBri partners with you to deliver comprehensive solutions that support your entire workflow.