Miltenyi Biotec

The CliniMACS® Plus Instrument

Advancing clinical cell separation with confidence



Proven cell separation for clinical and commercial cell manufacturing

The CliniMACS Plus Instrument performs robust, reproducible cell enrichment and depletion in a closed processing environment. Designed for clinical and commercial manufacturing, it facilitates GMP compliance from day one by automating processes, standardizing workflows, and reducing manual intervention.

The CliniMACS Plus Instrument is trusted globally to manufacture:

- **10+ commercial cell therapies**
- **150+ therapies in clinical trials**
- **Various autologous and allogeneic cell therapies**

Focus on cell separation, not paperwork.

Meet compliance requirements:
User management, audit trails, and digital run reports support secure operations, complete traceability, and GMP-compliant manufacturing.

Streamline data capture and transfer:
Barcode-supported documentation reduces transcription errors, while the secure network connectivity enables data transfer into existing manufacturing and quality systems.

Improve operations:
Guided workflows and integrated alarm management standardize procedure execution across operators and shifts. The touchscreen and interactive graphical user interface make operation intuitive.

Always an expert on hand for the support you need

- Custom application (CAP) services for tailored cell separation
- Installation, IQ/OQ, and computerized system validation (CSV) support
- Instrument services and technical support for maximum uptime
- Operator training
- Regulatory support from clinical trial submission to market approval

One platform for multiple cell therapy workflows

Run cell enrichment and depletion protocols for a wide range of cell and gene therapy types:

- CAR T and CAR NK cell manufacturing
- TCR T cell manufacturing
- Hematopoietic stem cell processing
- Regulatory and tumor-infiltrating T cells
- and many more

Align QC analysis on the MACSQuant® Analyzer

Our flow cytometry–based analytics complement CliniMACS Plus System workflows with:

- Time-tested flow cytometry technology trusted for sensitive and specific analytics
- Seamless and robust in-process control (IPC) and release testing (RT) solutions
- Harmonized and automated analytics that promote efficiency and facilitate compliance

Every feature designed for improved operations

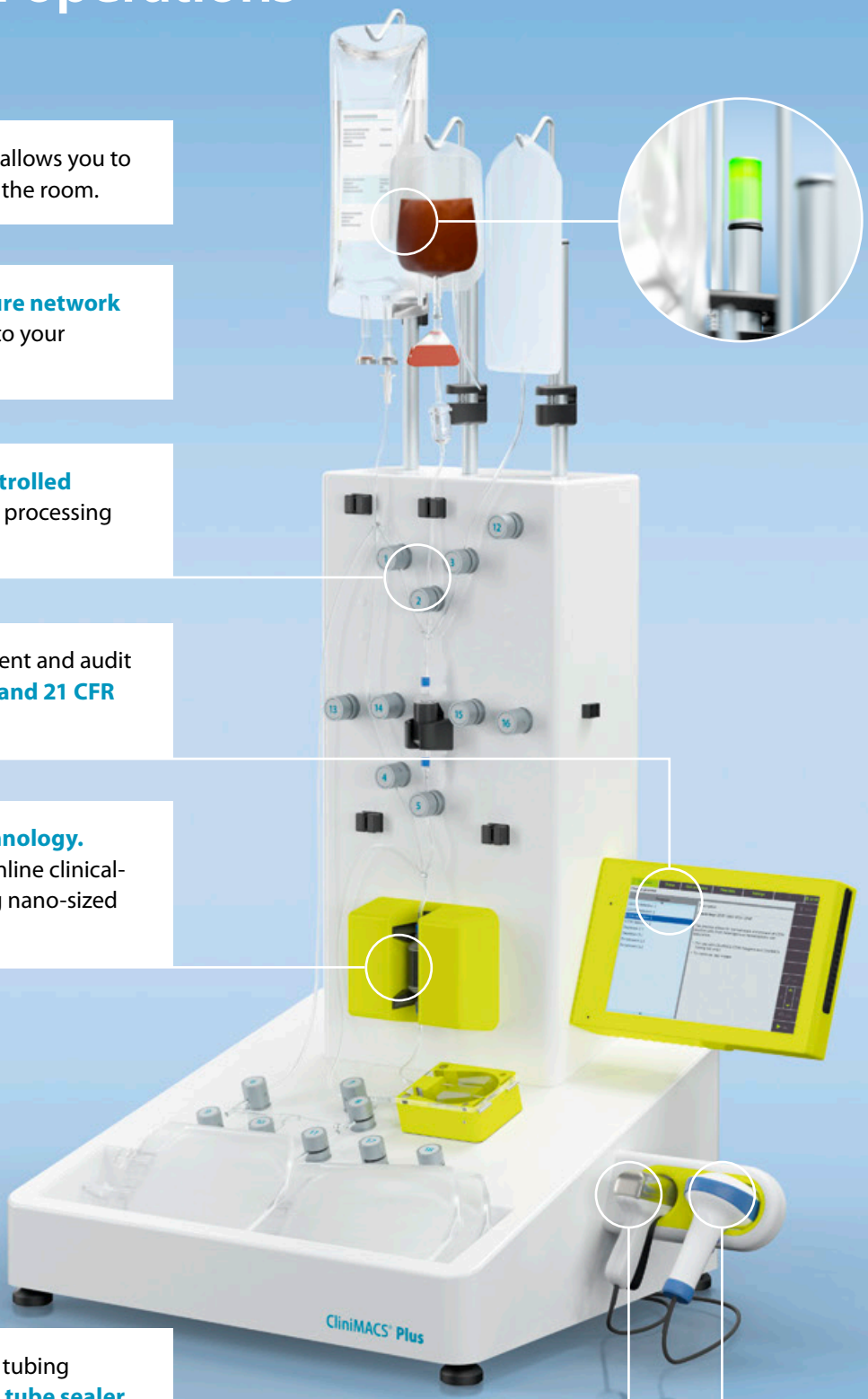
A visual and acoustic alarm allows you to follow runs from anywhere in the room.

Digital run reports and secure network connectivity transfer data into your existing IT infrastructure.

Closed tubing sets with controlled fluidic paths support precise processing for a range of protocols.

Software with user management and audit trail functions supports **GMP and 21 CFR Part 11 compliance.**

Built on proven MACS® Technology. Cell separation occurs on an inline clinical-grade magnetic column using nano-sized beads.



Sterile sealing and removal of tubing components with **integrated tube sealer.**

On-hand barcode reader to document CliniMACS Materials into digital run reports.

Ready to tailor your cell separation processes to your specific needs?

▶ miltenyibiotec.com/clinimacsplus

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