Miltenyi Biotec



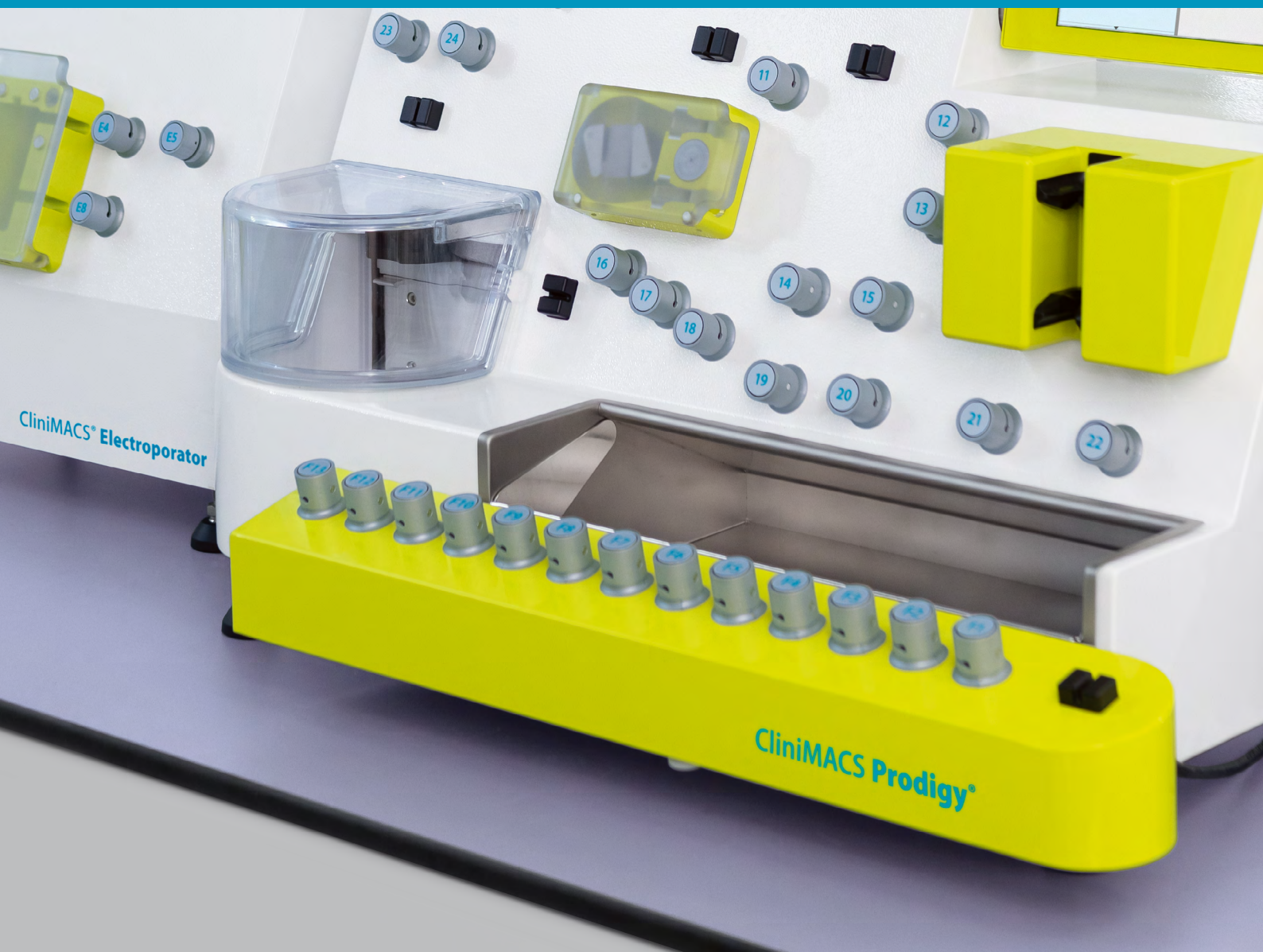
CliniMACS® Formulation Unit

Automated sampling and final formulation

The CliniMACS Formulation Unit expands the processing capabilities of the CliniMACS Prodigy® Platform to include automated sampling of cells and automated formulation to deliver fresh and frozen final cell products. As an accessory of the CliniMACS Prodigy it further reduces hands-on time from sample to final cell product.

- **Closed, end-to-end automated process from cell sample to cell product**
- **Expands automation to include fresh or frozen final formulation and fill in desired cell concentrations**
- **Customized solutions available to meet your needs**

▸ **miltenyibiotec.com/prodigy**



The game changer in cell product formulation and final fill

Full end-to-end automation with the CliniMACS Formulation Unit avoids risky manual cell formulation steps. Uninterrupted cell processing and final formulation guarantee safety for your cells and shortcuts quality control procedures.

Our Customized Application Service and process development teams are available for you to enable the translation of individual cell product manufacturing and formulation procedures into automated GMP-compliant processes. Contact us and let us bring your final cell product formulation to the next level.

Flexible filling options

Choose between two single-use and biocompatible tubing modules to be connected to the CliniMACS Prodigy Tubing Set.

The **CliniMACS Formulation Set** contains eight attached EVA product bags and is suitable for both fresh or frozen product strategies.

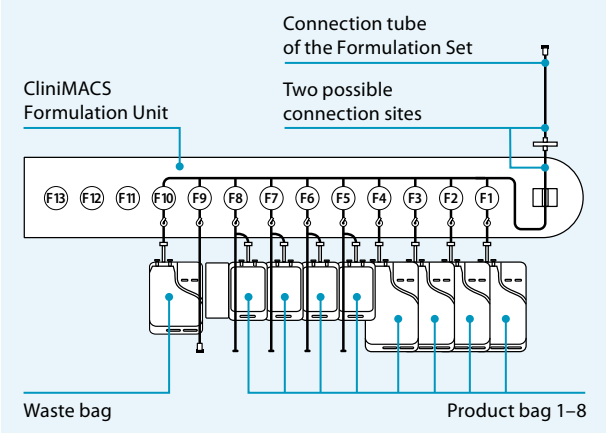


Figure 1 : Schematic drawing of the CliniMACS Formulation Set, installed on the CliniMACS Formulation Unit.

The **CliniMACS Flexible Formulation Set** gives you the freedom to connect up to ten product containers that perfectly meet the needs of your individual process. Sterile connections are possible for different sizes of EVA product bags, cell transfer or culture containers, and the MACSQuant® Tyto®Cartridge.

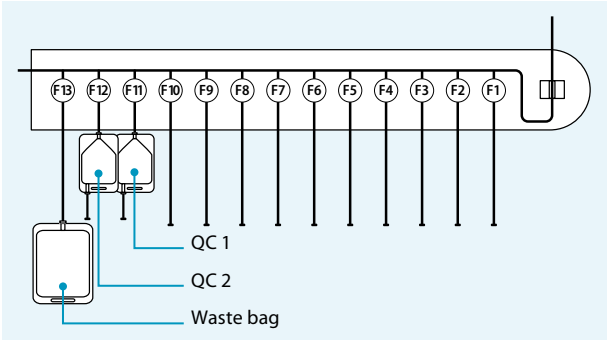


Figure 2: Schematic drawing of the CliniMACS Flexible Formulation Set, installed on the CliniMACS Formulation Unit.

CliniMACS Formulation Solution and Cryo Supplement

The CliniMACS Formulation Solution has been developed for *ex vivo* cell-based drug product formulation. As it already contains human serum albumin (HSA), it serves as a ready-to-use solution and can be directly welded to a CliniMACS Prodigy Tubing Set.

CliniMACS Cryo Supplement, 3× can be sterile-connected to the CliniMACS Formulation Set and is the perfect choice for the cryopreservation of your cells. In combination with the CliniMACS Formulation Solution it serves as a freezing solution with 7.5% DMSO final concentration.



Figure 3: CliniMACS Formulation Solution and Cryo Supplement come in one liter bags and can be sterile-connected to your process setup.

VISIT

Ask your local Miltenyi Biotec representative for more information or visit

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