

FASTFACTS

Automating the cell therapy workflow with Gibco™ CTS™ Cellmation™ Software for DeltaV™ System

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Digital connectivity is a critical factor in accelerating the time to market for cell therapies. Here, we explore the CTS Cellmation Software, which offers a method to control the cell therapy manufacturing process and manage the data of each Thermo Fisher Scientific instrument in the same network, and from one location.

USING CTS CELLMATION SOFTWARE

The CTS Cellmation Software library of modules allows users to automate the manufacturing, monitoring, and control of key cell therapy instruments from Thermo Fisher Scientific using the Emerson DeltaV™ Automation Platform Solution (Figure 1). In this example, we see the software graphical user interface for CTS Cellmation Software modules covering the Gibco™ CTS™ DynaCollect™ Magnetic Separation System for cell isolation, the Gibco™ CTS™ Rotea™ Counterflow Centrifugation System for cell processing, and the Gibco™ CTS™ Xenon™ Electroporation System for electroporation, which are all connected with welded PVC tubing in an integrated process workflow.

CTS Cellmation Software is an off-the-shelf solution that enables the digital connectivity and integration required to accelerate time to market for cell therapies.

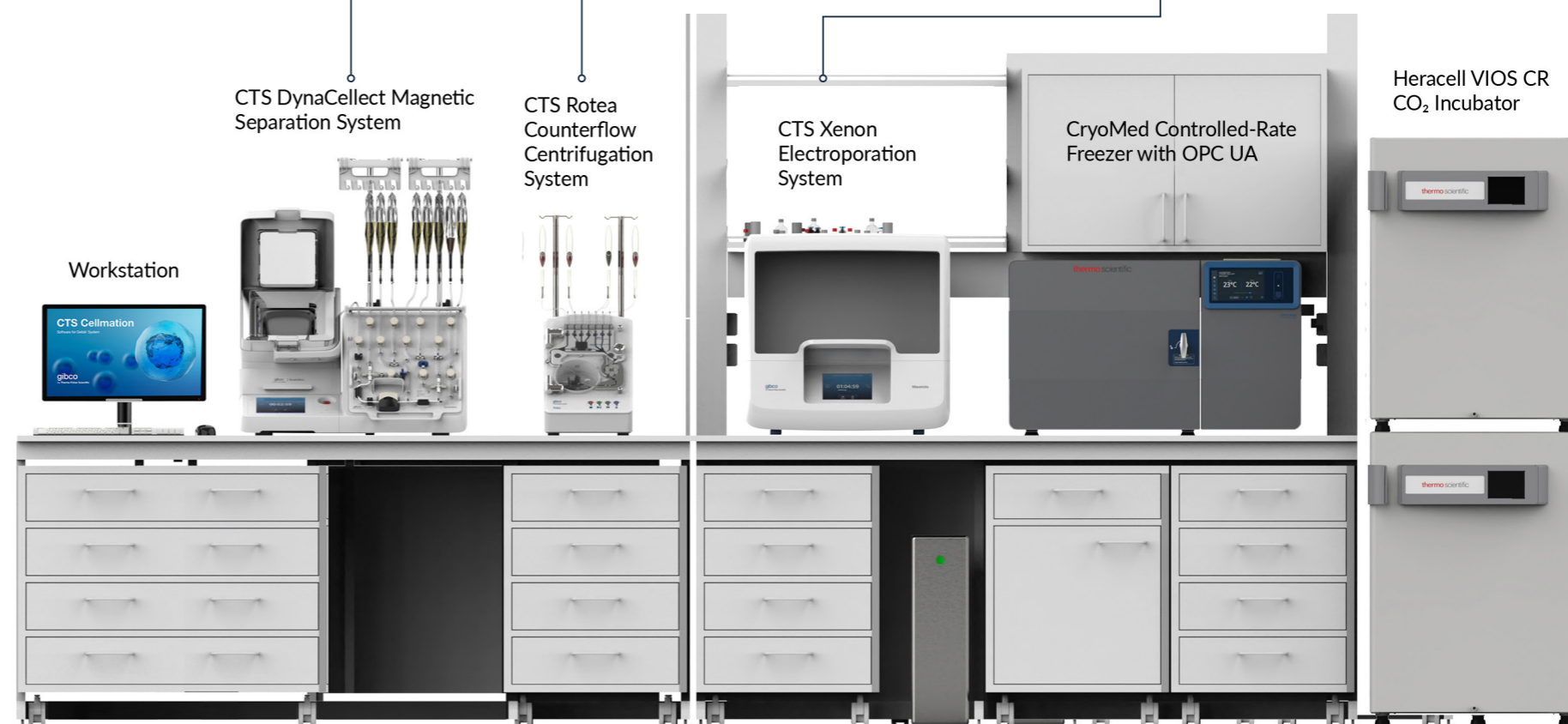


Figure 1. CTS Cellmation Software-compatible instruments.