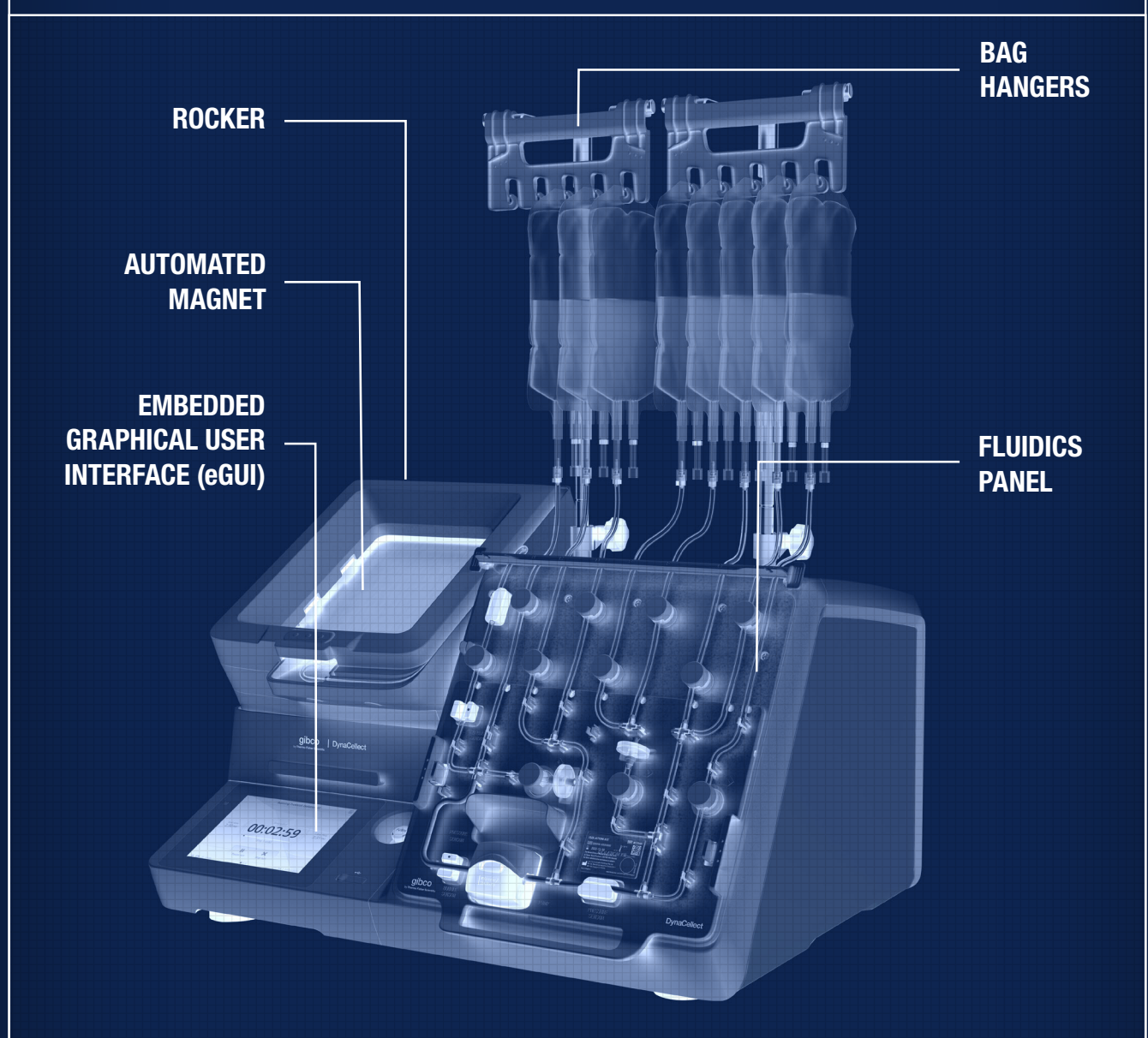


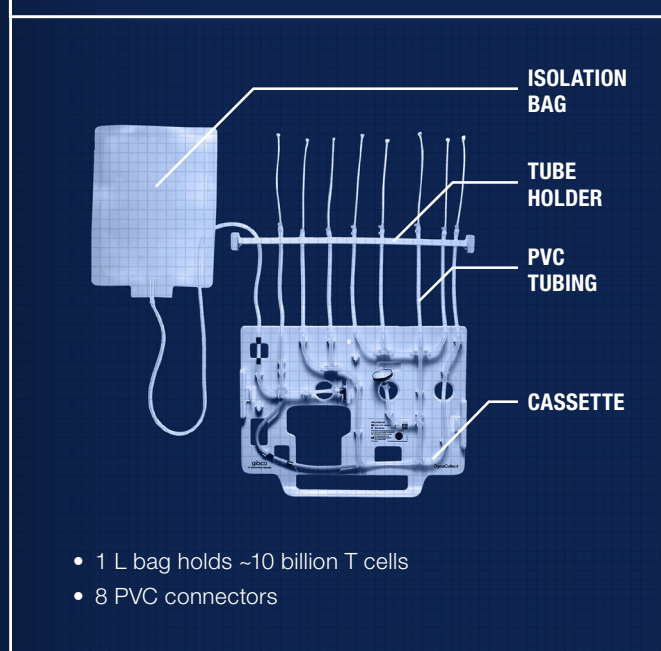
CTS DYNACELLECT MAGNETIC SEPARATION SYSTEM

EVOLVING THE FUTURE OF CELL THERAPY MANUFACTURING

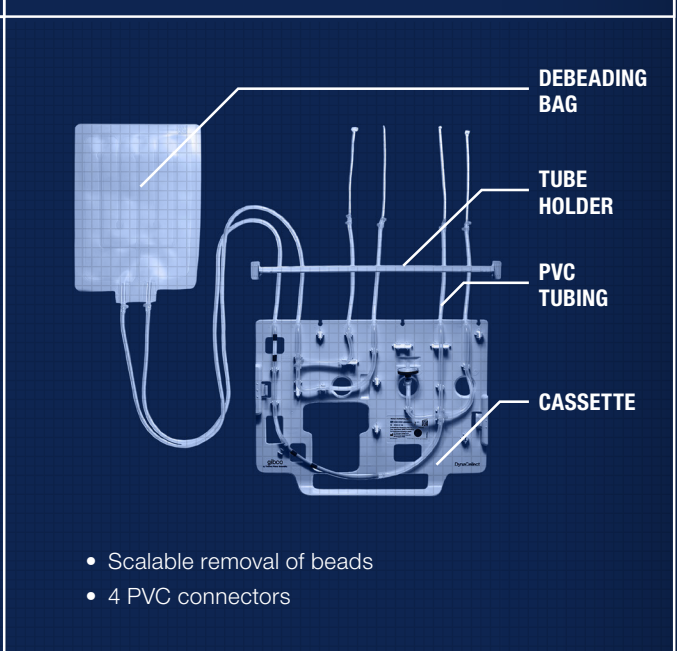
GIBCO™ CTS™ DYNACELLECT™ MAGNETIC SEPARATION SYSTEM



GIBCO™ CTS™ DYNACELLECT™ CELL ISOLATION KIT



GIBCO™ CTS™ DYNACELLECT™ BEAD REMOVAL KIT



AUTOMATED

- In this closed, automated environment, we consistently achieve >86% isolation efficiency of target cells with 96% purity with no effect on cell viability when using Gibco™ CTS™ Dynabeads™ CD3/CD28
- Touchscreen interface enables adjustment of magnet engagement, rocker, pump speed, and fluidic path

> **86%**
ISOLATION EFFICIENCY

SCALABLE

- Up to 1,000 mL reaction volume for cell isolation (~10 billion T cells as input)
- Continuous working volume for bead removal (verified with up to 10 L)
- Can be used with both autologous and allogeneic workflows

1,000 mL
ISOLATION VOLUME

150 mL/min
BEAD REMOVAL

RAPID

- The cell isolation protocol can process up to a 1 L volume (10 billion target cells) in approximately 70–100 minutes
- CTS Dynabeads CD3/CD28 can be removed at a rate up to 150 mL/min (protocol optimized for 50 mL/min)
- Fit-for-purpose kits reduce handling time

FLEXIBLE

- The system utilizes open, user-programmable software for isolation and bead removal processes
- Modify the magnet engagement, pinch valves, pump speed, and rocker angles; or customize the software for optimal protocol design
- Bags of preference can be attached to the consumable tube lines

MODULAR

- Digital connectivity achieved through Open Platform Communications–Unified Architecture (OPC-UA) compatibility means the DynaCollect system can be integrated with other cell therapy workflows
- Sterile tubing and connectors allow for the DynaCollect system to be integrated into a closed workflow

