



## THE ULTIMATE CHOICE FOR CHROMATOGRAPHY EXCELLENCE



**Cost-Efficient**



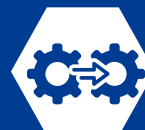
**Robust Performance**



**High Precision**



**TUV, CE, ISO 9001 Certified**



**Universally Compatible**



**AND MORE!**

**GLOBAL  
PRESENCE**



# WHY SEPABEAN™ SYSTEM

**1. Maintenance-Free Ceramic pump:** No maintenance required; no recurrent cost of replacing piston seals or check valves ever! (Machine T) . Maintenance costs are up to 50% less frequent and less expensive than any other instruments (we produce most of our own in-house).

**2. Wireless Instrument Control:** SepaBean range of systems can be controlled wirelessly by iPad. This enables the systems to be installed in a fume hood, Isolator or biosafety cabinet and work remotely with the closes sash.

**3. Wide Range Detector:** Our instrument's detector covers a range from 200 to 800nm, with the ability to select two specific wavelengths (modifiable during the run) or perform a continuous scan of the entire spectrum. (DAD variable UV (200-400 nm) or DAD variable UV/Vis (200-800 nm) Compatible with external high precision ELSD with high sensitivity.

**4. 21-CFR-Part 11 Compliance:** The control software complies with FDA requirements for data protection/integrity (21-CFR Part 11), making the instrument more suitable for pharmaceutical R&D companies and laboratories.

**5. Certifications:** CE, TuV, ISO 9001 quality certification

**6. Built-in Separation Method Database:** The software has a built-in separation method database that automatically recommends the most appropriate separation method based on the key information entered by the user, thereby improving work efficiency.

**7. Global Chemistry Database:** The app allows access to a Global database of Flash methods and lets the user download the methods.

**8. Network Integration:** Multiple instruments can form a local area network to facilitate internal data sharing and resource optimization in the laboratory.

**9. Integrated real-time solvent and waste level sensing.**

**10. Free and Easy Updated:** Instrument updates provided free of charge and easy to perform.

**11. TLC Plate Image Capture:** Built-in program for capturing TLC plate images, allowing the instrument to generate the appropriate gradient for compound separation.

**12. HPLC Data Integration:** Built-in program for developing C18 Flash methods from the HPLC chromatogram data.

**13. Automatic Movable Column Holder:** Minimizes liquid spillage.

## MODEL T



## MODEL U



# WHY SEPABEAN™ SYSTEM

## OTHER SPECIFICATIONS INCLUDE

### MODEL 2



### MODEL L



- 1. High precision Flow cell optical path length:** 0.3 mm (default) and 2.4 mm (optional)
- 2. Multiple option for fraction collector:** Standard: tubes (13 mm, 15 mm, 16mm, 18mm, 25mm), French square bottle (250 mL, 500 mL) or large collection bottle; Customizable collection container.
- 3. Sample Loading Capacity:** 10 mg - 320 g
- 4. Loading method:** Solid sample, liquid sample, optional quantitative sampling valve.
- 5. RFID Technology:** It can automatic identification of current flash column information based on RFID technology (Machine 2).
- 6. Online gradient adjustment and hold.**
- 7. Emergency button:** One click to stop in case of emergency.
- 8. Multi-Solvent Capability:** Utilize all four solvent lines, enabling concurrent use of up to three solvents simultaneously (up to 15% for the third one).
- 9. Column Compatibility:** Compatible with columns weighing up to 1.6kg, accommodating both normal and reverse-phase chromatography columns.
- 10. Automatic Movable Column Holder:** Minimizes liquid spillage.
- 11. Flexible Warranty Options:** Available warranties for 1 year, 3 years\*, and 5 years\* (\*Fees may apply depending the region).
- 12. Universal Compatibility:** 100% compatible with any other types of flash columns with no limits.
- 13. Tube racks with LCD Display:** Tube racks with LCD Displays enable users to easily track the tubes containing collected fractions.
- 14. Services and Technical support 6/7 Days and 16/24 Hours:** Available from Montreal time zone till Shanghai time zone.
- 15. Fastest and most efficient manufacturing and deliveries.**

ASK FOR A DEMO OR PLACE YOUR ORDER AT

