SANTAI SCIENCE

20 Years
Of Chromatography Excellence

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

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.

MODEL 2

MODEL L

ASK FOR A DEMO OR PLACE YOUR ORDER AT