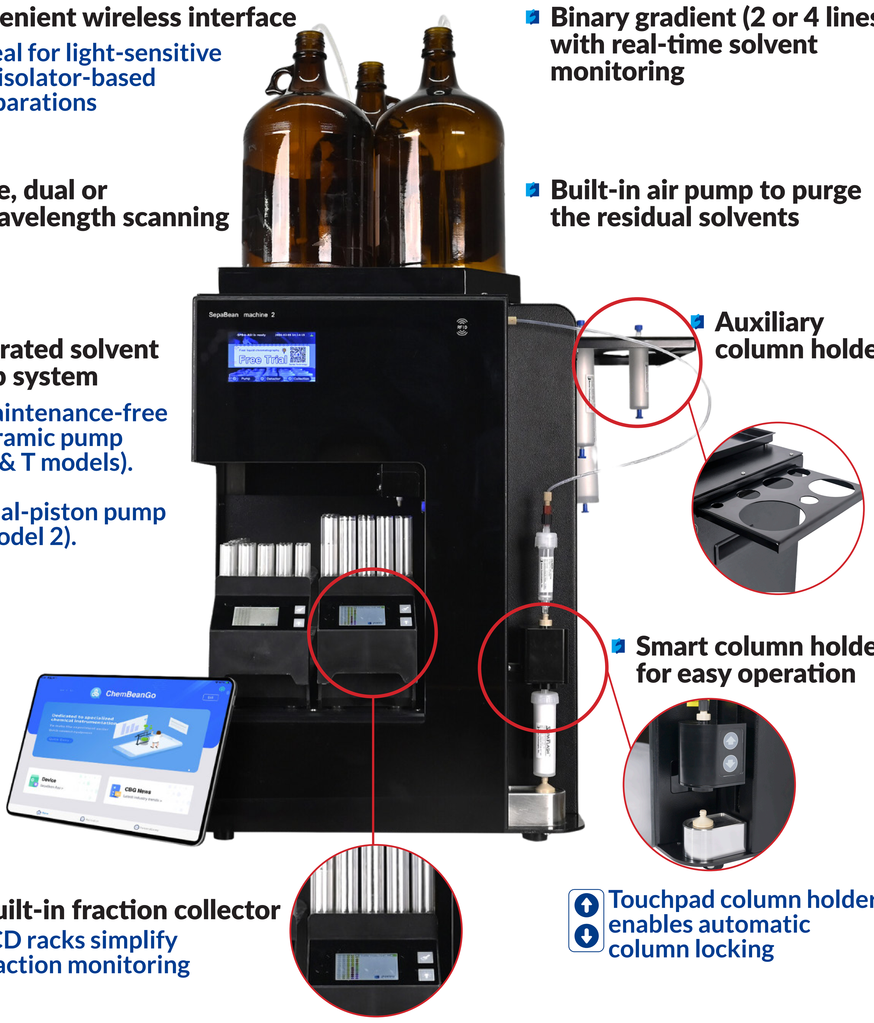
SANTAI

Over 20 Years of Chromatography Excellence

Overview Design of SepaBean™ machines

- **Convenient wireless interface**
  Ideal for light-sensitive or isolator-based separations
- **Binary gradient (2 or 4 lines) with real-time solvent monitoring**
- **Single, dual or all-wavelength scanning**
- **Built-in air pump to purge the residual solvents**
- **Integrated solvent pump system**
  Maintenance-free ceramic pump (U & T models).
  Dual-piston pump (model 2).
- **Auxiliary column holder**
- **Smart column holder for easy operation**
- **Built-in fraction collector**
  LCD racks simplify fraction monitoring
- Touchpad column holder enables automatic column locking



- **Built-in separation method recommendation**
  The software recommends optimal methods, boosting efficiency and simplifying development via HPLC or TLC-to-gradient.
- **Local network data sharing**
  Seamless sharing through local networking.

Discover our Small-Scale SepaBean™ machines

Our most popular systems for 4 g to 1.6 kg columns!

Parameters	machine U (Entry-level)		machine T (Cost effective)	machine 2 (Medium pressure)
Maximum Flow Rate & Pressure	• U100:	100 mL/min, 100 psi (6.9 bar)	200 mL/min, 200 psi (13.8 bar)	300 mL/min, 500 psi (34.5 bar)
	• U200:	200 mL/min, 200 psi (13.8 bar)		
Pumping System	Maintenance free ceramic pump			High accuracy dual-piston pump
Number of Solvents	Binary gradient, two (2) solvents		Four (4) solvents binary with any combinations of two (2) solvents, third (3rd) solvent as modifier	

Detector Options

SepaBean™ machines are available with:

- 254 nm fixed wavelength
- DAD 200 - 400 nm UV
- DAD 200 - 800 nm UV/Vis

Optional:

- Low temperature evaporative light scattering detector (LT-ELSD)

Learn more about Santai Science Products

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