

Automated blood sampling system for mice, rats, and large animals, with programmable collection at pre-set time points for pharmacokinetic, toxicokinetic, and metabolic research studies.

SPECIFICATIONS

Species	Mice, rats, large animals
Sample Tubes	Sarstedt Microvette compatible
Sample Capacity	Up to 20 time points per run
Minimum Sample Volume	10 µL (mouse configuration)
Sample Storage	Refrigerated module (4–6°C)
Software	ABS2 control and data logging software
Power	12 VDC, 5A (100–240 VAC input, 47–63 Hz)

FEATURES

- ▶ Programmable blood collection at user-defined time points
- ▶ Compatible with mice, rats, and large animal species
- ▶ ABS Rack System for multi-animal parallel sampling studies
- ▶ Compatible with Sarstedt Microvette blood collection tubes
- ▶ Specialised PET imaging configuration for concurrent blood sampling and scanning
- ▶ Automated catheter flushing between samples to maintain patency
- ▶ Refrigerated sample storage module to preserve sample integrity
- ▶ Software interface for protocol programming and data export
- ▶ Compatible with Instech vascular catheters and VAB systems

APPLICATIONS

- ▶ Pharmacokinetic and toxicokinetic blood sampling
- ▶ Bioanalysis and biomarker discovery
- ▶ Metabolic research and glucose monitoring
- ▶ PET imaging with concurrent blood sampling
- ▶ Serial blood sampling in chronic studies
- ▶ Circadian rhythm and overnight sampling studies