

Specifications for Solid Phase Extraction System

Requirement of SPE system for sample extraction, concentration, and cleanup. System should have following features:

Technical Parameter	Allowed Values
1. Functional requirement	Elution of solvent using Positive pressure
2. Sample Capacity	Up to 48 samples
3. Sample volume	1 ml and 3 ml cartridge rack
4. Collection tubes	2 ml and 4 ml collection rack
5. Gas inlet	Nitrogen
6. Gas flow range	0-10 SCFM
7. Flow settings	Faster flow setting for washing and drying
8. Safety features	Features to ensure no harm to hands during operation
9. Waste Rack and Bin	To be supplied with One Waste Rack and 2 Waste Bins
10. Material of construction	Non-corrosive in lab environment of spillage
11. Elution feature	Even elution across all 48 samples
12. Installation	Installation and training with qualification documents.
13. Warranty	Three year onsite Comprehensive warranty
14. AMC for system	To be included for 2 years after warranty.