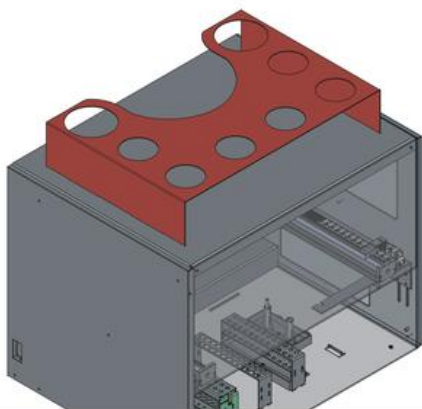




Specification Sheet



Automated SPE Workflow

Chromingo SPE is an automated solid phase extraction (SPE) and sample cleanup system designed to perform the complete SPE workflow, including column conditioning, sample loading, washing, drying, elution and probe cleaning. Up to 24 samples can be prepared in sequence in a single batch. The tablet-based interface allows the operator to create methods, configure samples, monitor processing in real time and review completed run reports.

24-Sample Batch Processing

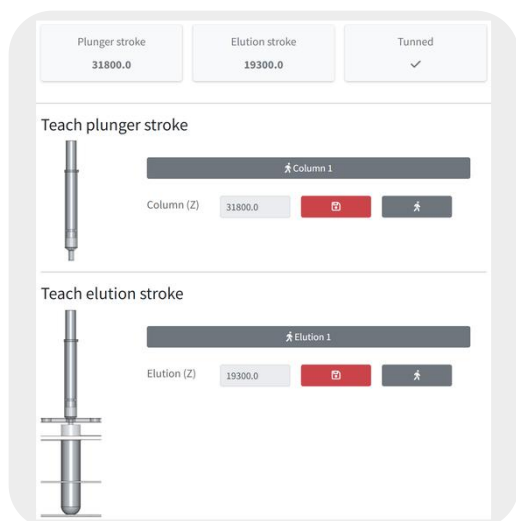
Up to 24 samples can be loaded in one batch. For each position, the operator can enter the Sample ID, sample volume and required SPE method. The entered sample volume is used by the system to automatically adjust the aspiration height during loading. Sample and elution tubes are arranged in corresponding tray positions, supporting organized sequential processing and traceable collection.



Functions				
1.	Clean Probe			H2O
2.	Conditionir	3.0	6.0	Methanol
3.	Conditionir	3.0	6.0	Phosphate
4.	Loading	3.0	6.0	
5.	Washing	3.0	6.0	Phosphate

Programmable Method Control

Methods can be created and stored directly in the system. Each method can include conditioning, loading, washing, drying, elution and probe-cleaning steps, with programmable flow rate, volume, reagent selection and drying time. Chromingo SPE also supports smart sandwiching, allowing compatible steps to be combined into a single pumping process to improve processing efficiency.



Column Teaching & Position Control

Each SPE method can be tuned for the selected cartridge model using the integrated Column Teaching function. The operator teaches and stores the Z-axis positions for the plunger stroke and elution stroke, controlling plunger depth relative to the sorbent bed and positioning the cartridge correctly above the elution tube.

Sample & Column
Compatibility

3 mL SPE columns; 16 × 75 mm sample tubes; 0.2–7 mL sample load volume

Solvent & Washing System

Up to 5 solvent lines; remaining-volume monitoring; individual line purge; 2 washing stations; drying for the sample plunger and sample loop

Run Monitoring & Recovery

Live tablet monitoring of current, completed and pending samples; interrupted runs can be resumed from a selected method step

Data & Traceability

Electronic run reports save sample preparation history; methods and configurations can be imported and exported

Gas & Exhaust

Maximum gas inlet pressure 40 psi; 4-inch exhaust connection

Electrical & Dimensions

100–240 VAC, 50–60 Hz; 84 cm (W) × 65 cm (D) × 80 cm (H)