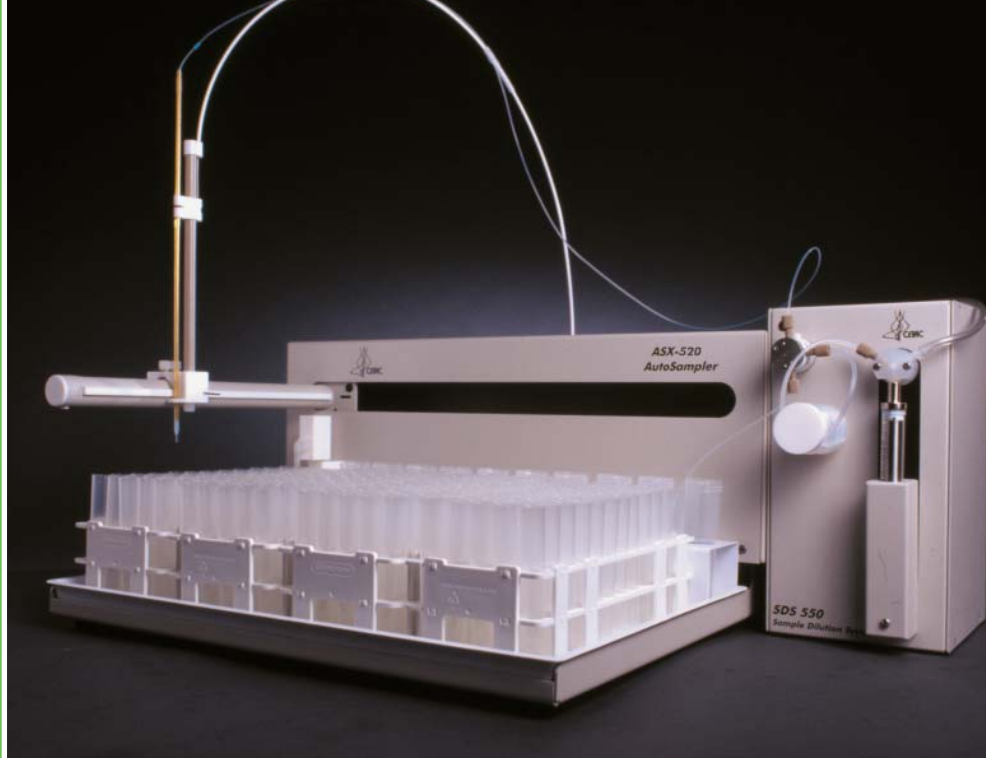


SDS-550

Offline Sample Dilution System

An integrated, ready-to-use sample dilution system, the SDS-550 comes complete with an ASX-520 autosampler and custom software. Variable dilution ratios from 1:1 to 1:50, multiple reagents with minimal changeover, large or small batch capacity, and diluent and reagent sequencing are all handled with a minimum investment of employee time and labor.



COMPLETE

Dedicated Automated System: Dilution station comes complete with ASX-520 Autosampler and custom software as an integrated, ready-to-use system.

PRECISE

Variable Dilution: Variable dilution ratios from 1:1 to 1:50.

Versatile Custom Software: Sample diluent and reagent volume easily entered in sequence format (3 main screens), Windows® compatible.

Dilution Accuracy and Precision: Values for dilution accuracy and precision (measured by weight of water) are given below for thirty replicate dilutions. Note that the % RSD for the final 10 mL volume is under 0.1%

	1 mL	9 mL (g)	10 mL (g)
Average (n=30)	1.001	9.006	10.007
Std. Dev	0.003	0.009	0.009
%RSD	0.3	0.1	0.09

FLEXIBLE

Multiple Reagents: Can be used with several reagents with minimal changeover time.

Variable Volume: Capable of running either large sample batches or just a few samples.

Technical Specifications

Dimensions:

Height: 26.5 cm (10.4")

Width: 14.5 cm (5.7")

Depth: 24.2 cm (9.5")

Weight: 3.9 kg (8.6 lbs)

Syringe: 10 mL capacity

High Resolution: Range 3,000 to 24,000 steps.

Plunger Drive: Stepper motor driven lead screw with optical feedback

Fluid contact: Glass, Kel-F®, Teflon®

Switching Valve: 2- position solenoid valve; Teflon® wetted components.

Computer/Hardware Interfaces: RS-232 port

Power Requirements: 100-240 VAC +10% 50/60 Hz

Warranty: 2 year limited