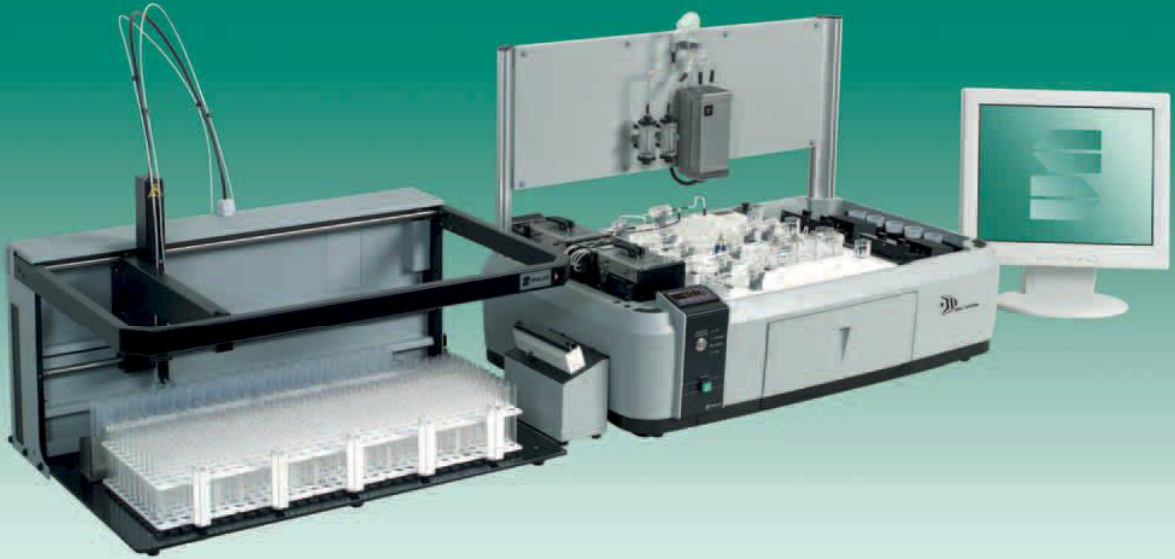# Range of Auto Samplers

The San⁺⁺⁺

SA 1100/50

This random access carousel sampler is easy to use and quick to set up for complete automation. The unit holds up to 100 sample positions and an alternative cup plate is available with dedicated positions for calibration solutions. Priority samples can easily be inserted into the work list during the analysis. The sampler is fully controlled by the software and can be equipped with a soft keypad to allow both PC and manual control (SA1150). During operation, status indication of the sampler is provided by LED indication. The end of the analysis is indicated by audiovisual alarms.

SA 1050

This computer controlled random access sampler with its 140 sample positions is perfectly suited for laboratories with medium sized sample batches. The sampler is configured with four racks of 35 positions with a sample volume capacity of up to 12 ml. Standards, blanks, and other internal check solutions are housed in 11 separate reservoirs. An optional integrated dilution station adds to the functionality of the sampler allowing the automatic preparation of working standards and pre & post dilutions for known and unknown over-range samples. A dual needle configuration is available when simultaneous pick up of two samples is required.

SA 1074

With all the features of the above mentioned SA 1050, the SA 1074 accommodates an increased number of samples, with up to four needles to allow the simultaneous pick-up of samples with different matrices. A total number of 300 samples divided over five removable racks of 60 positions can be analyzed in one batch. Working standards, blanks, and internal check solutions are housed in a separate tray, which holds up to 40 vials. Automatic preparation of working standards and sample dilution makes the sampler a versatile tool to automate large sample batches and increase the laboratories capacity and flexibility. Additionally, this sampler can be customized to fit any sample rack and can also be equipped with an automatic bar code reader and sample stirrer.