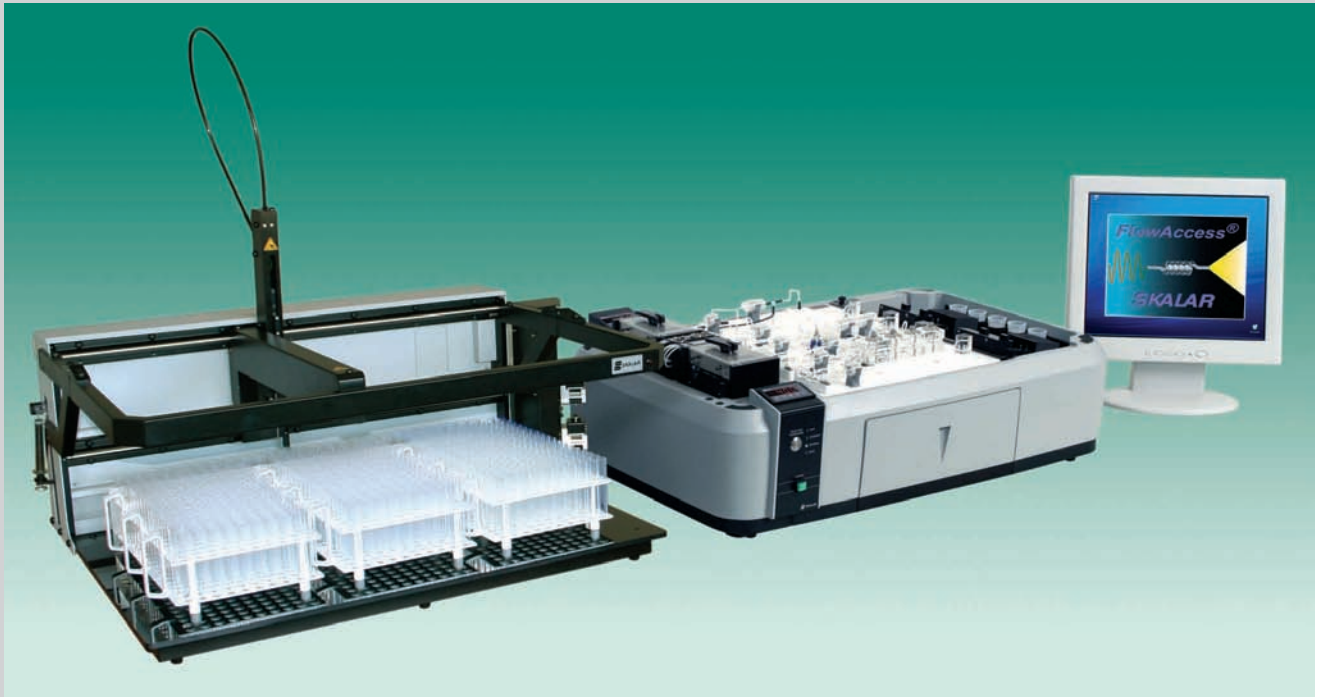




## The SA 1075 Random Access Auto Sampler



For many years Skalar has provided a wide range of automation concepts and solutions for wet-chemistry automation. In many laboratories, sample numbers are increasing and therefore the demand to run large sample batches is steadily growing. To facilitate this requirement for large sample batches, Skalar is pleased to introduce its new SA1075 auto sampler as the latest addition to Skalar's range of automatic wet chemistry analyzers.

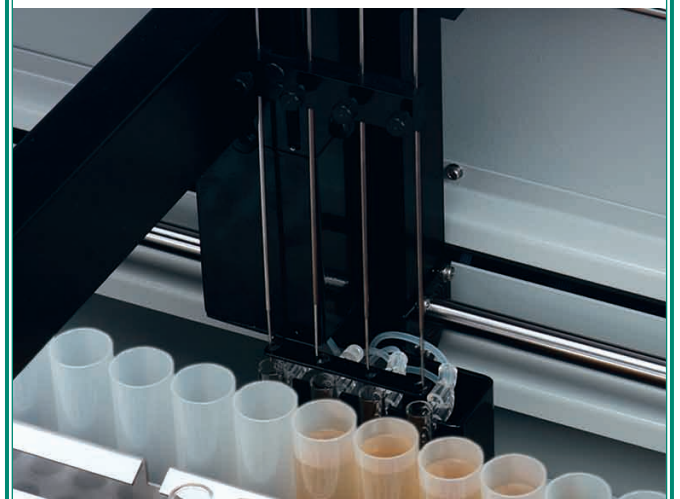
This new auto sampler carries up to 540 samples, divided over 9 racks of 60 samples each. In addition there are 26 positions available in a separate tray for QC samples, working standards or drift control samples. These positions can hold up to 35 ml each. The SA1075 can be equipped with a total of 4 sample needles to allow the simultaneous analysis of samples with different matrices or with different sample pretreatment procedures. In this case, up to three rinsing valves can be integrated to supply different rinsing liquids to the chemistry manifolds to eliminate matrix interferences.

An auto-dilution station is also available, allowing the automatic dilution of samples before as well as after the analysis (pre and post dilutions). Furthermore, with the dilution station the working standards can be prepared automatically.

In case you need to integrate sample vials with specific dimensions the SA1075 can be fully customized to fit your sample vials and sample racks.

### FEATURES:

- \* Up to 540 samples, divided over 9 racks of 60 samples each
- \* Up to 26 positions for QC Samples, Working Standards, Drift Control Standards etc.
- \* Integrated auto-dilution station
- \* Up to 4 needles
- \* Up to 3 independent rinsing liquid supplies
- \* Up to 2 built-in rinsing pumps
- \* Optional sample mixing devices
- \* Customized sample racks and sample vials



# Skalar's range of Random Access Auto Samplers

## SA1100/50 Sampler



### Characteristics

Sample positions	2 x 50
Separate standard positions	10 (with 2 x 40 sample positions)
Sample volume	3.5 or 8.5 ml
Sample needles	Up to two
Operation	Software and manual (option)
Power requirements	220-240 V or 110 V
Dimensions HxDxW	22 x 36 x 47 cm
Weight	6 kg

## SA1050 Sampler



### Characteristics

Sample positions	140
Separate standard positions	9
Separate QC/Drift positions	11
Sample volume	3.5 or 10 ml
Sample needles	Up to two
Auto-diluter	Integrated, optional
Sample homogenizer	Yes, optional
Operation	Software
Power requirements	220-240 V or 110 V
Dimensions HxDxW	55 x 60 x 55 cm
Weight	20 kg

## SA1074 Sampler



### Characteristics

Sample positions	300
Separate standard positions	40
Sample volume	3.5 or 10 ml
Sample needles	Up to four
Auto-diluter	Integrated, optional
Sample homogenizer	Yes, optional
Operation	Software
Power requirements	220-240 V or 110 V
Dimensions HxDxW	46 x 60 x 76 cm
Weight	28 kg

## SA1075 Sampler



### Characteristics

Sample positions	540
Separate standard positions	26
Sample volume	3.5 or 10 ml
Sample needles	Up to four
Auto-diluter	Integrated, optional
Sample homogenizer	Yes, optional
Operation	Software
Power requirements	220-240 V or 110 V
Dimensions HxDxW	57 x 70 x 85 cm
Weight	34 kg

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