

SYKAM S 5200 AUTOSAMPLER



The system can be upgraded at any time from the basic version for fixed volume injection with sample loop overfilling, up to variable volume injection mode for variable volumes from 1 - 100 µl (optional up to 500 µl) without changing the sample loop.

With the next upgrading step, the S 5200 can be used for fully automatic sample processing for pre-column derivatization. In the derivatising mode, up to three independent reagents can be added to a specified sample volume, mixed with sample and programmed with independent reaction times. In addition, the sample can be diluted with more than 100 times (depending on sample volume and syringe volume).

For temperature sensitive samples, the sample tray can be cooled or heated with the optional cooling system.

For chemical inert operation, the instrument can be delivered for fully metal-free sample handling (completely equipped with PEEK and FEP materials, including sample needle).

A wide range of sample racks and sample vials can be used for operation from 1 µl up to 5000 µl or by using micro titer plates.

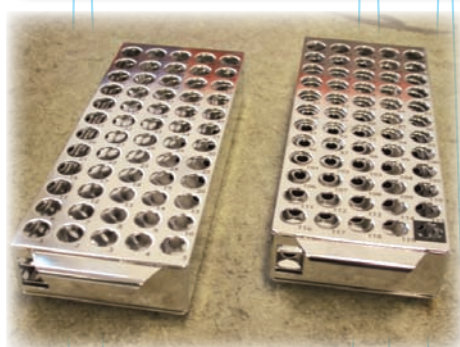
Simple operation through large alphanumeric display

ORDER INFORMATION

Cat.-No.	Description
10 50 001	S5200 Autosampler, Fix Volume
10 51 001	<i>Update:</i> Variable Volume
10 51 002	<i>Update:</i> Derivatisation
10 51 003	<i>Option:</i> Heating/Cooling
10 51 004	<i>Option:</i> Inert Version (PEEK)
10 51 005	<i>Option:</i> Preparative Version
22 20 011	<i>Option:</i> Wellplate Adapter

TECHNICAL SPECIFICATIONS

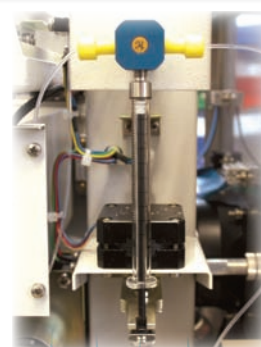
■ Sampling System: X-Y-Z-Operation; stepper motor driven syringe	■ Memory Effect: <0.01%
■ Sample Capacity: 120 vials in 2 racks á 60	■ Wash Program: freely programmable
■ Sample Loop: standard: 20µl	■ External Control: analogue control & RS-232
■ Material: Stainless Steel or PEEK	■ Display: 4-character
■ Reproducibility: Fix Volume: < 0.5%	■ Dimensions: 415 x 300 x 445 mm
Variable Volume: <1.0%	■ Power: 110/220 V, 50/60 Hz
	■ Weight: 20 kg



Sample Racks
(up to 120 vials)



Micro Titer Plates



Exchangeable
Syringe