

CHROMATOGRAPHY MADE IN GERMANY

NEW!

ION CHROMATOGRAPHY SYSTEM S 153-A DUAL

- ◆ SIMULTANEOUS ANION & CATION ANALYSIS
- ◆ INDEPENDENT ANION & CATION PUMPS
- ◆ 1x INJECTION – 2x ANALYSIS
- ◆ 120 SAMPLES CAPACITY
- ◆ INTEGRATED COLUMN OVEN
- ◆ INTEGRATED ANION AUTO-SUPPRESSOR



Version 1.0 - February 2017

AUTOMATIC DUAL IC SYSTEM S 153-A DUAL

The *Automatic Dual Ion Chromatograph S 153-A Dual* is a modular system which enables the simultaneous analysis of anions and cations from a single sample.

S 1130 Pump Systems

The *Sykam S 1130 HPLC Pump System* is a very flexible and powerful HPLC solvent delivery system.

The Anion and Cation analysis each has its' own pump system for the application's specific mobile phase.

S 5300 Sample Injector

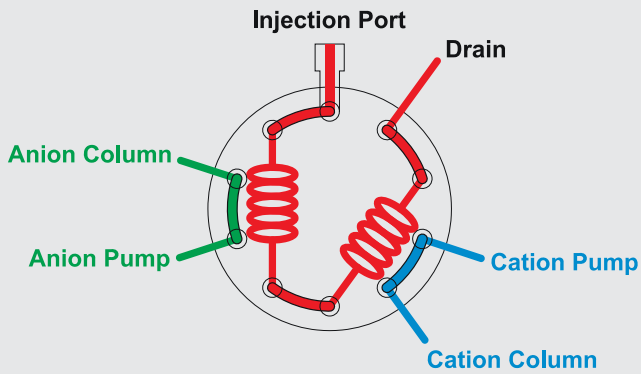
The *Sykam S 5300 Sample Injector System* is a reliable- and accurate HPLC autosampler with excellent reproducibility and linearity properties. The autosampler features a dual injection valve with 2 sample loops to separate the sample into the separate anion and cation analysis path.

Variable vial racks and adaptors for microtiter plates as well as a multitude of options make this system highly adaptable and suitable for any analytical application.

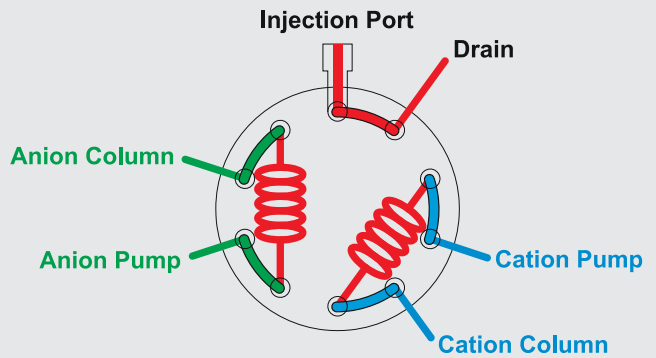


S 6165 Dual Injection Valve

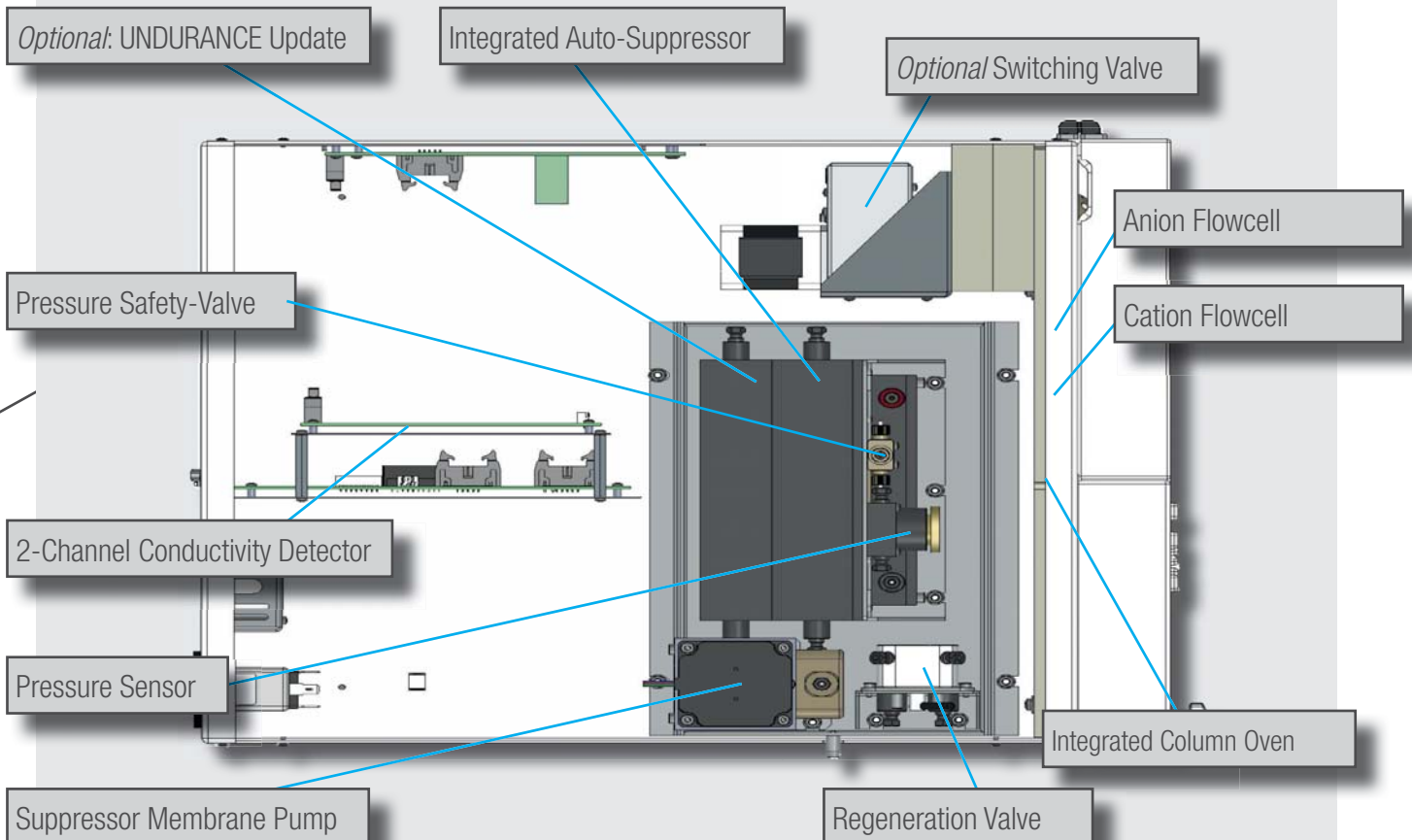
LOAD Position



INJECT Position



S 150 Ion Chromatography Module



ORDER INFORMATION

Automatic Isocratic Dual IC System S 153-A

Catalog No	Description	consisting of:
S004671	Automatic Dual Isocratic IC System	S 150 Ion Chromatography Module, including Column Oven;
	Anion & Cation simultaneous Separation	2x S 1130 Isocratic Pump, analytical, Peek; including 1-Channel Degasser;
	without Data System and Separation Column	S 5300 Automatic Sample Injector with S 6165 Peek Valve, variable volume Mode
		S 7150 Reagent Organizer, isocratic, including 2 bottles (1000 ml);
		Auto-Suppressor Module;
		2-Channel Conductivity Detector

Automatic Gradient Dual IC System S 153-AG

Catalog No	Description	consisting of:
S004882	Automatic Dual Gradient IC System	S 150 Ion Chromatography Module, including Column Oven;
	Anion & Cation simultaneous Separation	1x S 1130 Quaternary Gradient Pump, analytical, Peek; including 4-Channel Degasser;
	without Data System and Separation Column	1x S 1130 Isocratic Pump, analytical, Peek; including 1-Channel Degasser;
		S 5300 Automatic Sample Injector with S 6165 Peek Valve, variable volume Mode
		S 7150 Reagent Organizer, isocratic, including 4 bottles (1000 ml);
		Auto-Suppressor Module;
		2-Channel Conductivity Detector

Update Options

Catalog No	Description	Notes
S003583	Auto-Suppressor ENDURANCE Update	S 150 Ion Chromatography Module (capacity upgrade for Auto-Suppressor)
S003846	S 7155 Reagent Organizer with Gas Regulator	Analytical, incl. 4 bottles (1000 ml)
S000172	S 3250 UV/Vis Detector	Update for difficult sample matrices (e.g. high Cl ⁻ concentrations)
S000203	S 3250 Flowcell	Analytical, PEEK
S005637	Intergated Valve Actuator	Integrated in S 150 IC Module (for S 6000 Series Switching Valve) - without valve



All specifications are subject to change without notice.