

Sirocco

Column handling inspired by nature's forces

› sparkholland.com

Better Sample Care.

Column handling inspired by nature's forces

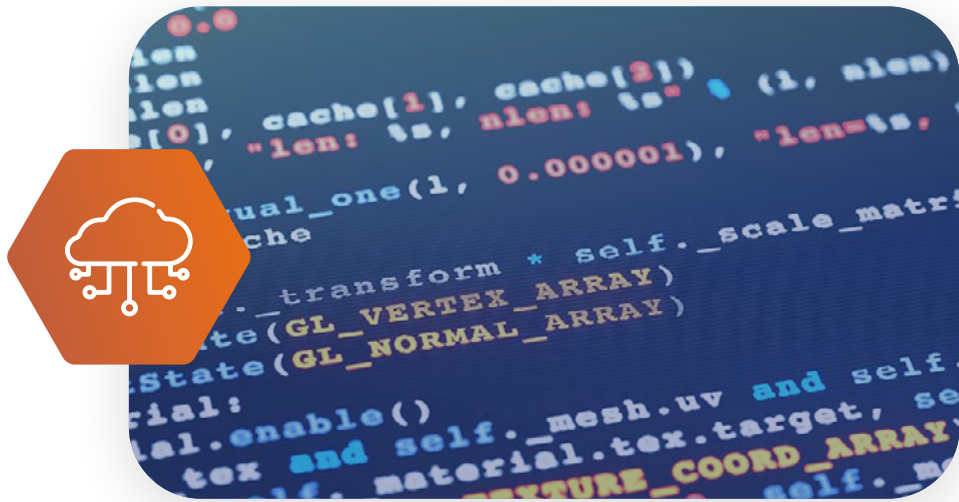
Experience the power of the wind:
meet the Sirocco

At Spark Holland, we believe innovation is like the wind; unpredictable yet transformative. Following the 35 years of success of the Mistral - named after the cool, stabilizing wind, we now introduce the Sirocco: a powerful, warm wind that brings energy and innovation from a new direction into your lab. With its state-of-the-art technology, user friendliness and precise temperature control, the Sirocco column oven is the perfect fit for any HPLC or UHPLC application.

Its capability to hold three columns and easy column switching using the column selection valve, and the option to add an Active or Passive Pre-heater into your Sirocco column oven makes you experience stable retention times with every sample you run.



Let's talk about USP's



Seamless software integration

The Sirocco is designed with flexibility in mind. With our Software Development Kit (SDK) the Sirocco software is easily integrable into your existing system, making the Sirocco an easy choice for your software application.



Contact based column tags*

Guarantee that you always know the history of your column with our contact based column tags, monitoring every sample that passes through your column based on the parameters you define.

* Available upon request



Automated column selection

The Sirocco column oven offers automated column selection with the optional integrated column selection valve, enabling seamless switching between columns for greater flexibility and efficiency.



Easy column handling

Exchanging columns was never this easy! The Sirocco provides easy handling and exchanging of almost all commonly used column sizes in (U)HPLC.



Active or Passive Pre-heater

The Sirocco column oven ensures precise and consistent temperature control for reliable performance across applications. With optional Passive or Active preheating, it optimizes thermal stability.

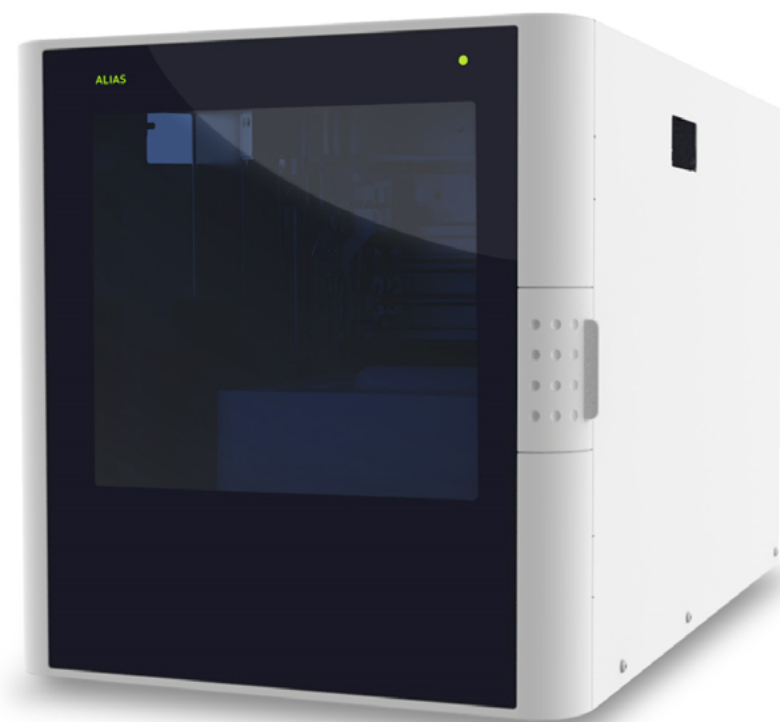


Stackable and compact design

The Sirocco column oven is designed to fit perfectly in your LC-stack, leaving you with more benchspace to prepare your experiments without sacrificing column capacity.

Sirocco

Relating to our other products



Alias™

Your generic and reliable workhorse

The Alias™ is a generic autosampler for HPLC and LC-MS using proven injection technology with fast injection and wash cycles. Its forced air cooling provides true sample cooling down to 4°C.

The Sirocco column oven pairs seamlessly with the 33 cm Alias autosampler, creating an efficient solution for precise and reliable liquid chromatography.



Nexus™

Versatile, smart and user-friendly

The Nexus™ is a smart and user-friendly autosampler with lots of extra features. Next to its state-of-the-art injection technology, excellent cooling performance and flow path recognition, the autosampler can be equipped with a dedicated wash pump.

The Sirocco column oven is designed to fit perfectly on top of the Nexus autosampler, creating a compact yet powerful setup.

Specifications

	Cool/Heat	Heat
Temperature range	Ambient-10 °C (minimum 10 °C) to 90 °C, up 3 °C/min, down 2 °C/min	Heat until 90°C (minimum 10 °C) to 90 °C, up 3 °C/min
Temperature accuracy	± 0.2 °C	± 0.2 °C
Temperature stability	± 0.1 °C	± 0.1 °C
Temperature precision	0.05 °C	0.05 °C
Dimension (H x W x D)	120 x 330 x 540 mm	120 x 330 x 540 mm
Column capacity	3 columns (200 mm length, 20 mm outer diameter).	3 columns (200 mm length, 20 mm outer diameter).

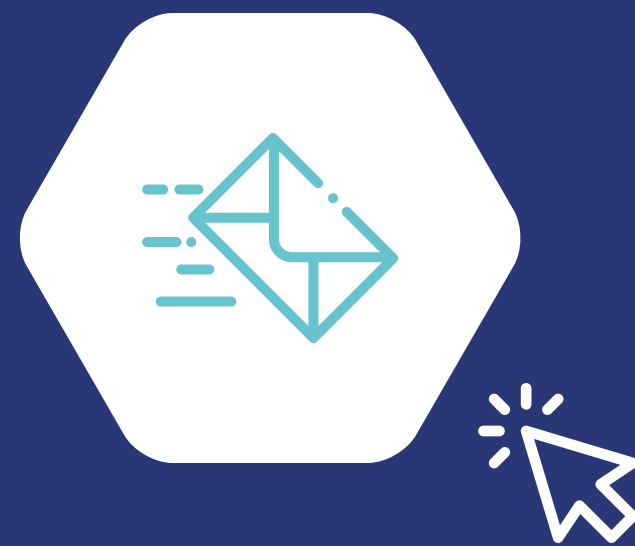
Active preheater

- Temperature accuracy heater: within ± 2 °C
- Temperature Active Pre-Heater: 40-90 °C
- Temperature stability: ± 0.5 °C
- Temperature precision: ± 1 °C
- Temperature solvent: max 5 °C < than setpoint heater

Passive Pre-heater

- Temperature solvent: max 5 °C < than setpoint heater

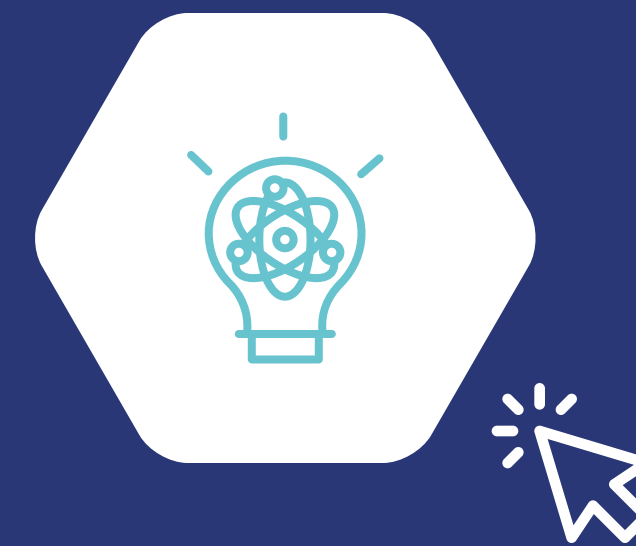




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