

MODEL SC-S

The SIRCO™ Sample Cooler has proved to be one of the most efficient heat exchangers in the instrument industry. With over 2.5 metres of Stainless Steel tube wound to a unique SIRCO™ designed double helical coil giving a heat transfer surface of 720 cm², this is the ideal unit for users requiring an efficient controlled cooler for liquids or gases.

Compact in design and manufactured in Stainless Steel throughout, the coolers can be used with the coils connected in series and the water jackets in parallel for super efficient cooling.

General Specification

Material:	316 Stainless Steel
Max. Cooling Coil Pressure:	100 Barg
Max. Water Jacket Pressure:	21 Barg
Max. Temperature:	540°C

Cooling Medium must not reach Boiling Point



SAMPLE COOLER

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Pressure Drop/(Quantity Flow)²
through the Coils of a Sample
Cooler Type SC-S

Pressure Drop = KQ^2
where $K= 6.25$

