

# SAMPLE COOLERS

## For Any Brand of Sampling System

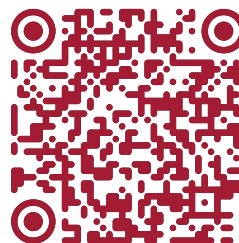
SENSOR sample coolers provide the most cooling efficiency allowing them to be suitable for applications in liquid, gas or steam processes. All materials are constructed of stainless steel which provides a rugged design and longer life span. These sample coolers are compatible with any brand of sampling system you have.

From a standard heat exchange area of 1.2 to 4.8 ft<sup>2</sup> (0.11 to 0.45 m<sup>2</sup>) the cooler provides the most flexible usage for different applications. The removable shell design can be easily maintained and cleaned after a period of use. Other materials are available upon request for corrosive environment applications.

The coolers consist of a stainless steel double helical coil, through which the sample flows, and a stainless steel shell, through which cooling water flows around the coil transferring heat from the process media to the cooling water.

### Features & Benefits

- Dual helical coil design, provides a maximum heat exchange area
- Compact design minimizes cooling water needs
- Removable outer shell, provides easy maintenance and cleaning of the coils
- Highest efficiency sample cooler commercially available
- Exotic materials, such as titanium, Inconel® and Hastelloy® on the tube side and Monel®, cupronickel and stainless steel on the shell side are available, other materials available upon request
- Very close approach temperatures of existing sample with the cooling water entry
- One continuous coil to ensure low maintenance (no internal joints)



Let us help keep your analyzers and grab sampling systems in optimal working condition!