

110. SANITARY STEAM SAMPLE COOLER-P

Function:

Steam sample cooler is used to cool the steam and hence ensure that the steam samples can be taken for analysis. This is particularly applicable in WFI lines.

The STEAM SAMPLE COOLER-P is the portable version and can be used to take samples from different points in the steam line.

The steam sample to the cooler has to be regulated by a valve. The cooling water supplying as to be provided to the cooler. The sample can be collected at the outlet.

It is a portable design and it can be easily carried around to take samples at different points.

Specifications:

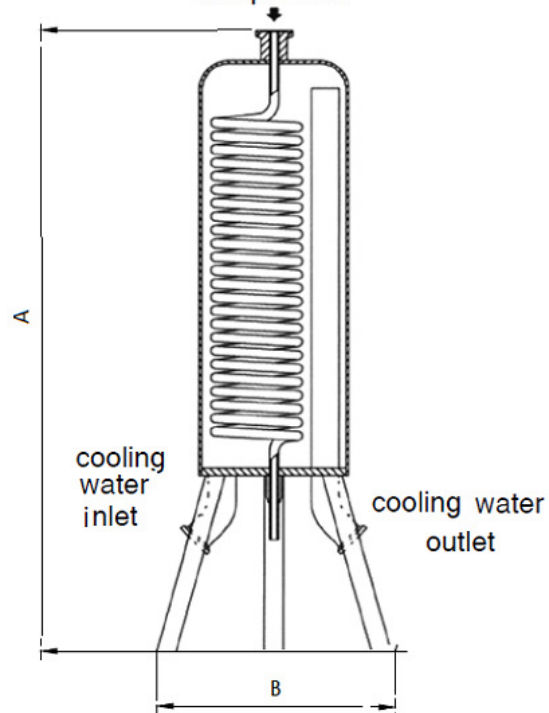
- Sizes: Refer table
- Connections:
Sample Inlet: ½" TC clamp
Sample outlet: ½" TC clamp
Cooling water inlet : ¾" TC clamp
Cooling water outlet: ¾" TC clamp
- Material: Contact parts: AISI 316L
Non-contact parts: AISI 304
- Surface finish:
External finish: Smooth polished
Internal finish: Internal surface of the coil $Ra < 0.8 \mu^*$,
Pressure Rating; 14 bar @ 198 C
*** $Ra < 0.5 \mu$ electropolished is available on request.**

Application:

- Steam sampling in WFI

Part #	A (in mm)	B(in mm)
110.000.000	500	170

- Design pressure:
Coil: 10 bar g @ 185 C
Shell: 10 bar g @ 100 C
- Coil surface area: 0.09 m^2
- Steam capacity: 10 l/h of condensate at 30 C from steam at 3 barg
- Water capacity: 30 lph of water 85 C to 30 C



All dimensions are in mm. unless and otherwise specified.

The information contained in this brochure is for guidance only. We reserve the right to modify any material or feature without notice in advance. For further information, please, consult our application specialist.

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