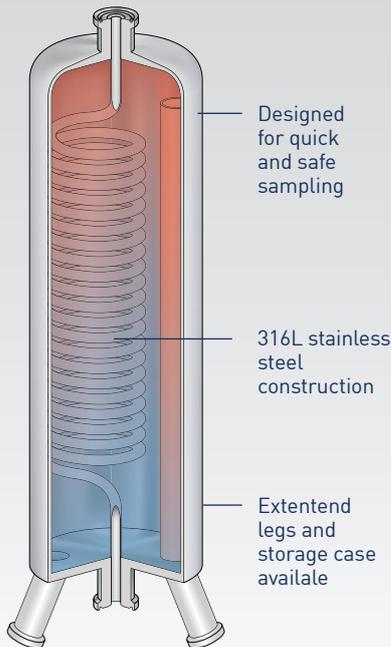


# HSC30 SAMPLE COOLER

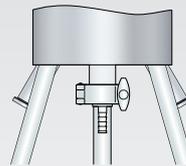


## HSC30

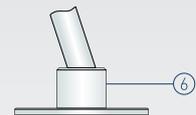
The HSC30 is a portable unit designed to allow samples to be taken quickly and safely at any point within a steam system. Cooling water connections are 3/4" ASME BPE clamp compatible which enables the unit to be connected easily to a local water supply. The HSC30 is suitable for autoclaving.

<b>P Pressure Rating</b>	Coil and Shell - up to 10 barg
<b>T Temperature Rating</b>	Coil - 175°C Shell - 100°C
<b>I Connections</b>	Sample medium - 25mm clamp to suit 1/2" ASME BPE, DIN and ISO Cooling water - 25mm clamp to suit 3/4" ASME BPE, DIN and ISO
<b>W Wetted Parts</b>	316L stainless steel
<b>Performance</b>	Heat transfer area - 0.08m <sup>2</sup> Coil volume - 160ml Typical performance - 10kg/h condensate at 30°C from steam at 3 barg with 0.1 l/s cooling water at 20°C rising to 40°C
<b>Surface Finish</b>	Wetted surfaces - 0.5 microns Ra (SF1)* External surfaces - Satin polish finish
<b>Options</b>	Electropolished finish - all wetted surfaces (SF4) Steam throttling valve (HSV60) Sample outlet hose adaptor Steam and cooling water hoses Extended legs with floor pads Storage case
<b>C Certification</b>	Certificate of conformity Material certification Certified 'Animal Derived Ingredient' free

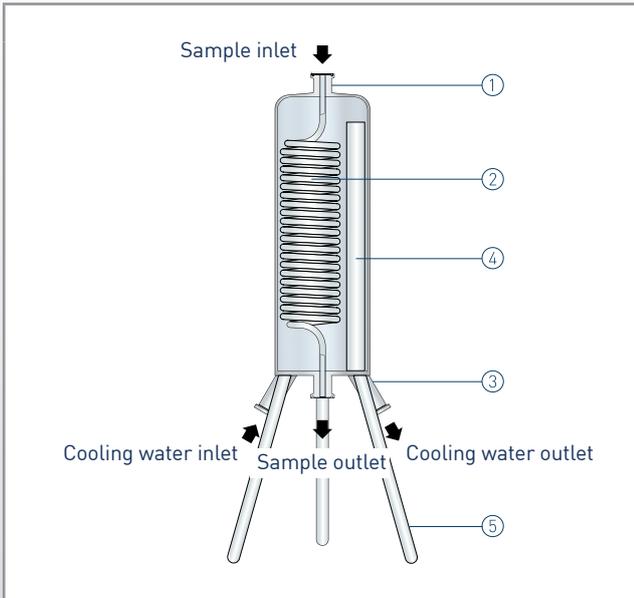
\*HSC30 coil formed from tube with an internal electropolished finish of 0.25 microns Ra.



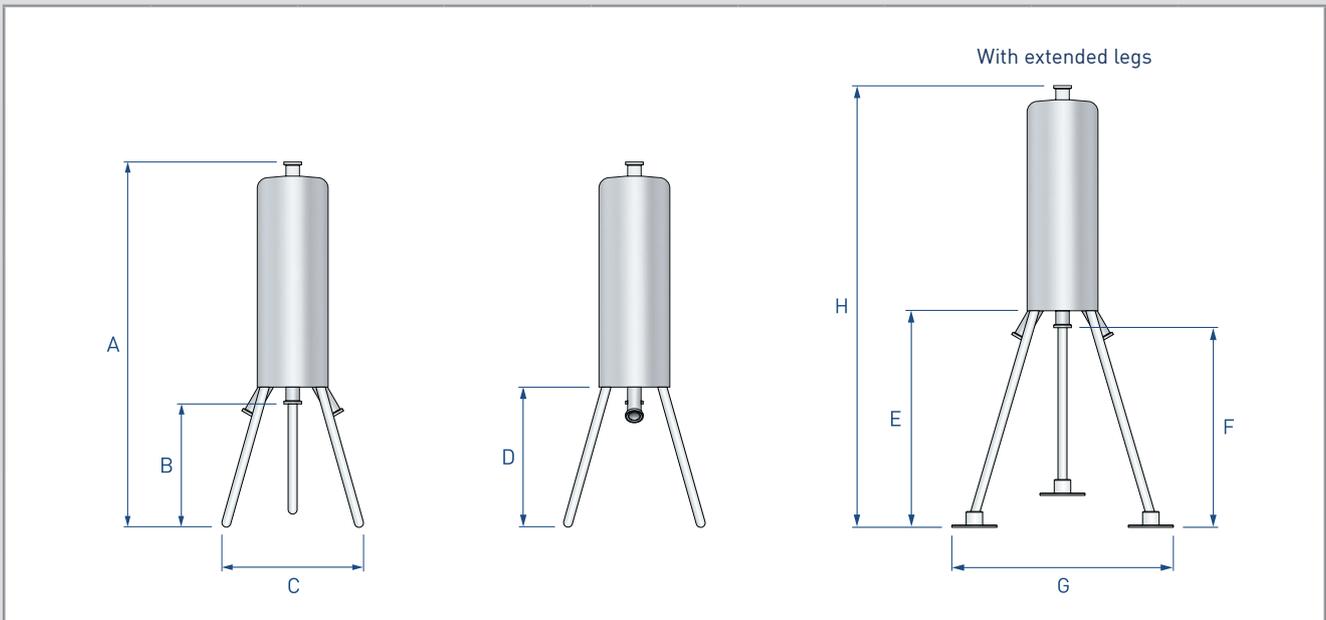
Sample medium hose adaptor



Mezzanine floor pads



Part	Description	
1	Body and sample connections	316L stainless steel
2	Coil	316L stainless steel
3	Cooling water fittings	316L stainless steel
4	Cooling water outlet tube	316L stainless steel
5	Legs	316L stainless steel
6	Floor pad	316L stainless steel



Dimensions (mm)								Weight (kg)
A	B	C	D	E	F	G	H	
500	175	160	200	305	280	312	610	4.5

- Accessories**
- HSV60 sample valve - a steam rated valve suitable for both isolation and throttling of the steam sample
  - Sample hose adaptor kit - 316L stainless steel hose adaptor with 8.5mm barb which connects directly to the sample medium outlet using a standard clamp and seal
  - PTFE lined sample hose - PTFE lined hose with stainless steel outer braid and silicone protective cover. Available with 1/2" ASME BPE clamp end fittings to any length required
  - Cooling water hose - reinforced PVC hose with 3/4" ASME BPE clamp end fittings to any length required
  - Storage/carry case - ABS case with profiled high density foam insert to house HSC30, HSV60 sample valve and hose adaptor kit

**Service Parts** The HSC30 has no maintainable parts