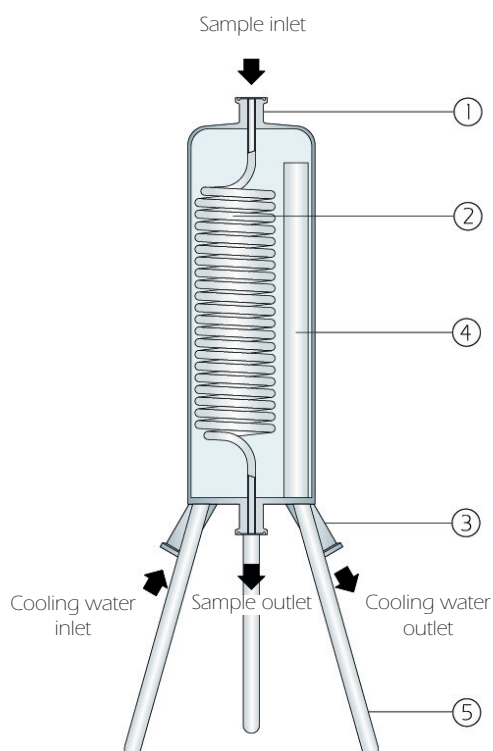




The HSC30 is a portable unit designed to allow samples to be taken quickly and safely at any point within a steam system. Cooling water connections are 3/4" ASME BPE Clamp compatible which enables the unit to be connected easily to a local water supply. The HSC30 is suitable for autoclaving.



P Pressure Rating
Coil & Shell - up to 10 barg

T Temperature Rating
Coil - 175°C
Shell - 100°C

Connections
Sample medium -
25mm clamp to suit 1/2" ASME BPE, DIN & ISO
Cooling water -
25mm clamp to suit 3/4" ASME BPE, DIN & ISO

Performance
Heat transfer area - 0.08m²
Coil volume - 160ml
Typical performance - 10 kg/h condensate at 30°C from steam at 3 barg with 0.1 l/s cooling water at 20°C rising to 40°C

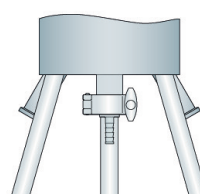
Surface Finish
Wetted surfaces - 0.5 microns Ra*
External surfaces - Satin polished finish
(*Coil formed from tube with an internal electropolished finish of 0.25 microns Ra)

Options
Electropolished finish - all wetted surfaces
Steam throttling valve (HSV60)
Sample outlet hose adaptor
Steam and cooling water hoses
Extended legs with floor pads
Storage case

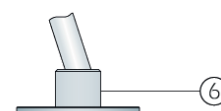
C Available Certification

- CofC** Certificate of Conformity
- MTR's** Material Certification
- ADI** Certified 'Animal Derived Ingredient' free

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



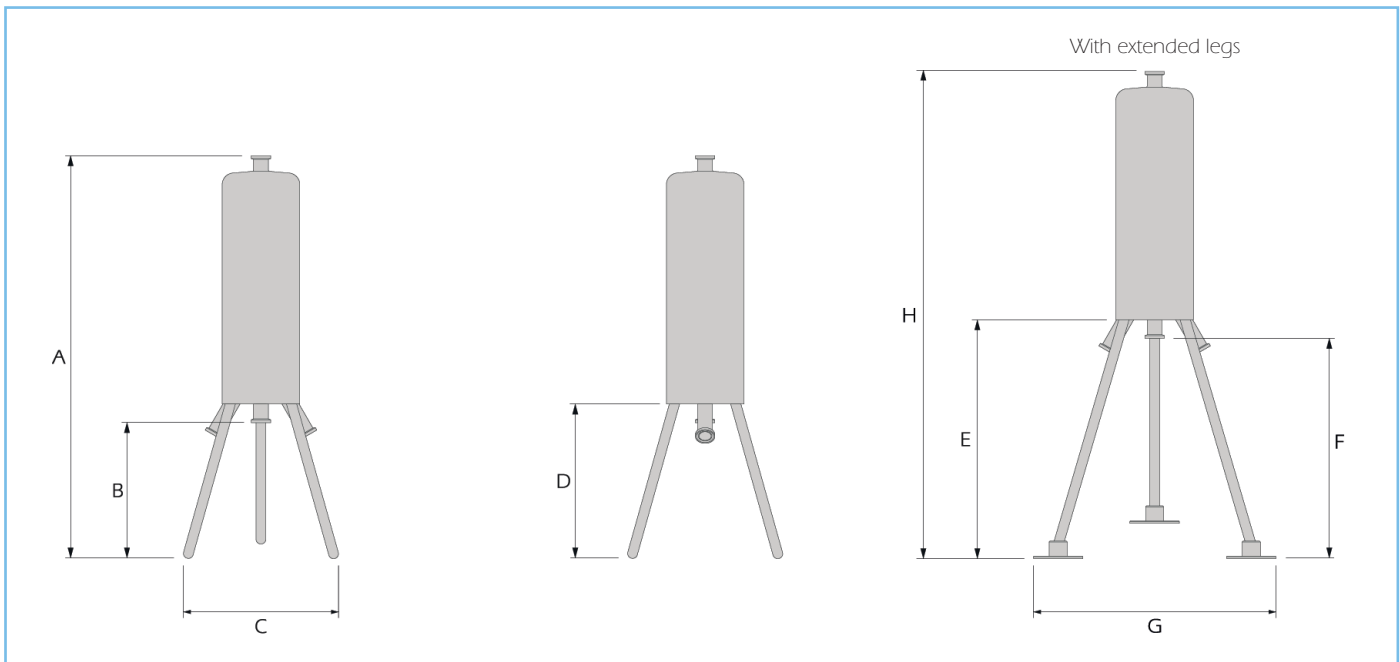
Sample medium hose adaptor



Mezzanine floor pads

HSC30

Sample cooler



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



Packaging

Individually capped, bagged & boxed



Service Parts

The HSC30 has no maintainable parts



Specification

See product selector sheet for specification & ordering detail

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Specifications subject to change without notice. HSC30-TB - 11/12