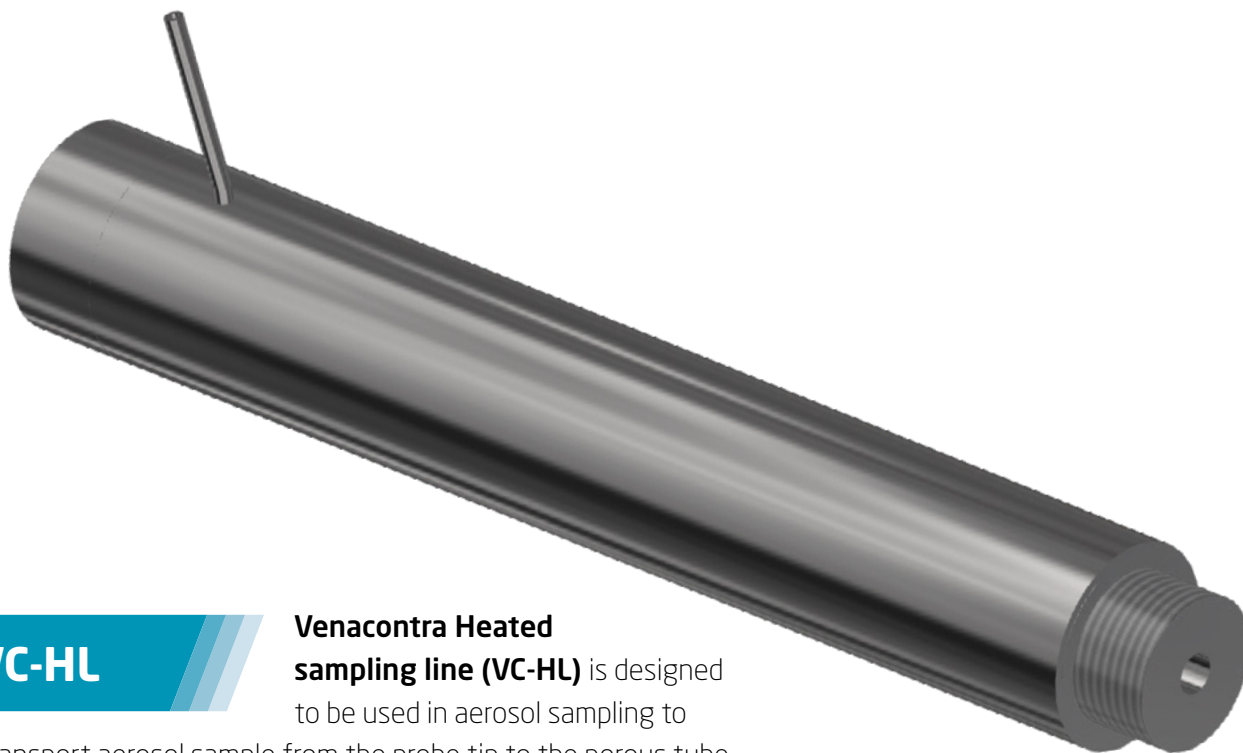


VENACONTRA HEATED SAMPLING LINE



VC-HL

Venacontra Heated sampling line (VC-HL) is designed to be used in aerosol sampling to

transport aerosol sample from the probe tip to the porous tube diluter. The heated sampling line is used in the situations where a sampling point is far inside, for example, a chimney or other high temperature process or in cases when the sample temperature may vary largely (e.g. small-scale combustion emission measurements).

In the heated sampling line sample flow is conveyed through hot stainless-steel tube. The temperature of the tube wall is maintained above the selected temperature (e.g. 180 °C) to ensure that condensable vapours will remain in the gas phase until the first dilution step.

”” *Abc*

”” *Abc*

DILUTING is often one of the most crucial parts of the aerosol sampling and measurement systems. For most aerosol measurement setups, the target of the aerosol dilution system is to dilute and cool the sample suitable for the used analysers and to preserve the sample as unbiased as possible.

THE VENACONTRA DILUTING SAMPLING SYSTEMS are designed to achieve these goals. They provide stable and adjustable flow rates and a well-conditioned dilution and mixing process, which is essential in having desired sampling conditions with minimal sampling artefacts.

Reliable sampling

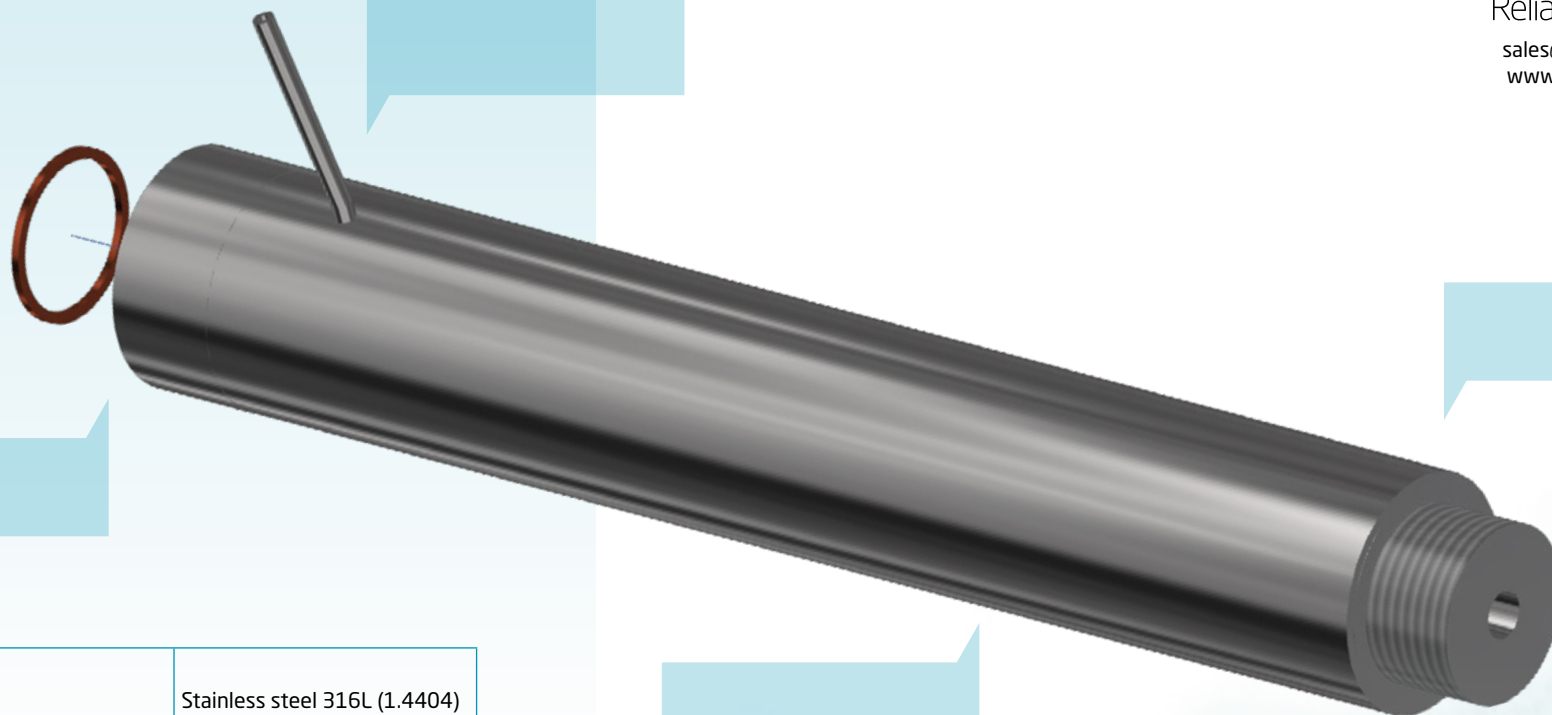
Venacontra is a Finnish company in the field of aerosol technology. We provide diluting aerosol sampling systems for various aerosol environments. We have decades of expertise in combustion processes, nanomaterial synthesis and aerosol sampling systems. We provide customised solutions and expertise for designing your sampling set-ups.

See more and contact us on our website
www.venacontra.com



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Venacontra Heated sampling line (VC-HL) Technical description



Material	
Body	Stainless steel 316L (1.4404)
Seals	Copper
Inlet	Thread connection
Outlet	Thread connection
Maximum temperature	200°C
Dimensions	
height	295 mm
diameter	44 mm
max. width with heating electric wiring	120 mm
Weight	1.4 kg

