

UK Sampling Gauges Ltd

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All-level, Running & Spot Sampler ALSB-V 502

Application

This sampler has been developed to meet the need to take accurate samples, delivered in a 500 ml sealable glass bottle. The sampler passes freely through a 4-inch vapour control valve, so that it can be used for closed sampling operations.

The sampler works in three ways, by fitting the appropriate inlet probe:

- a) as an all-level sampler, collecting liquid from the tank continuously as it moves downwards through the liquid from top to bottom, with a special inlet valve allowing liquid to enter only while the sampler is moving downwards, or
- b) as a running sampler, collecting liquid continuously as it is lowered and raised through the liquid.
- c) as a spot (any-level) sampler, taking the sample at a specific depth within the tank.

The inlet probes used when taking all-level or running samples have adjustable inlet orifices, allowing a wide range of liquid viscosities to be sampled within a practical timescale. The design of these inlet probes ensures that the rate of filling is constant during operation, independent of both the depth of the sampler and the extent of filling. This means that the operator has simply to lower and lift the sampler at a steady, constant speed, to obtain an accurate sample.

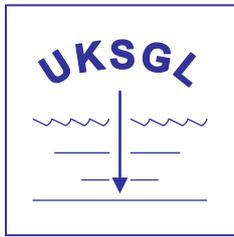
The illustration shows the sampler set up for all-level sampling. Other views of the sampler are shown overleaf.



ALSB-V 502

Specifications

Overall diameter	92mm
Overall length	43cm
Bottle size	500ml / 16oz
Material	316 Stainless Steel



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Additional views of the Sampler, showing some of its unique features



Inlet valve set to minimum opening
(for light products)



Inlet valve set to maximum opening
(for viscous oils)



Viewed from below,
showing cushioning rings



Viewed from above,
showing "bayonet" attachment



With alternative
Winchester bottle

Please contact us if you require further information about these or other equipment offered by **UK Sampling Gauges Ltd**, or if you require equipment to be adapted or modified.