UK Sampling Gauges Ltd

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ATEX Approved MK 1A Open Sampling Kit



The analysis can only ever be as good as the sample.
With this in mind, we have created an essential open sampling kit that is ATEX approved!

Whether sampling road tankers or oil terminals, this is the kit that is needed.

The kit comprises the MK 1A winder and ALBTMS 382 sampler.

Applications

The MK 1A Winder was developed for use with our medium-sized samplers. Recent improvements in the design of the winding / locking mechanism have been made. These ensure that the winder makes its contribution to the safety of sampling operations, and to the comfort of the operator.

Also cable wiper and support leg is fitted.

The winding handle controls the lowering and lifting of the sampler. A simple squeeze of the winding knob releases the lock on the winding reel. Letting go of the knob automatically locks the reel.

The cable is of multi-strand stainless steel to avoid the contamination that can occur with ropes and chains.

The design of the hook minimises the risk of a sampler becoming detached from the winder. The hook and cable, together with the clamp of the support, ensure electrical continuity and prevent the build-up of static electricity in the sampling system.



ATEX Approved MK 1A Winder with cable wiper, support leg & optional depth counter

Specifications

Cable Length and Diameter	30m x 2mm	**Weight of Winder**	2.1 kg
Recommended sampler size	Up to 1500ml	**Material**	Stainless Steel

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Applications

Our ALBTMS samplers combine the functions of two basic sampler types. They can be used to obtain spot samples from any level or depth within a liquid, to check for quality, density, or chemical purity, for example. They can also be used to obtain samples from the bottom (or at a specified distance from the bottom) of a tank or reservoir, to look for water underneath oil or fuel. They are ideally suited to taking samples from the fuel/water interface, to obtain evidence of microbial growth.

The ALBTMS sampler has two valves – one at the top, opened by a snatch on the supporting cable, the other at the bottom, opened by the protruding leg contacting the bottom of the tank or reservoir. (Patented Unique Principle)

In operation, both valves stay closed (and the sampler therefore stays empty) until the sampler reaches the depth at which the sample is required. For this reason, you can be sure that true samples are obtained, uncontaminated and undiluted by liquid from any other level in the tank or reservoir.



ALBTMS 382

Specifications

Overall diameter	38mm
Overall length	570mm
Weight (empty)	1.6kg
Bottom sampling range	1 to 10cm
Capacity	300ml
Material	316 Stainless Steel

Spare parts available

"O" rings
Springs
Locking pins
Ball bearings



Please contact us, or scan the QR code, 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.