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Технические характеристики на пробоотборники для всех уровней и поточные пробоотборники RNS компании **UK Sampling Gauges**



All-level Sampler RNS 252 S



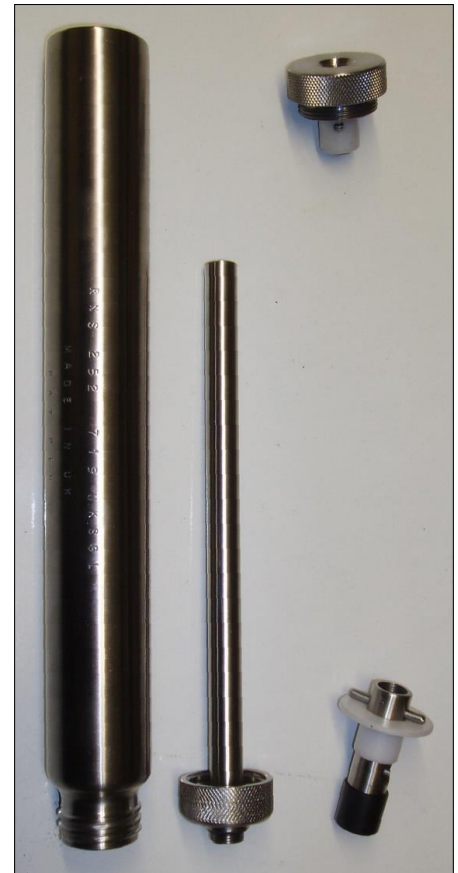
Application

This All-level Sampler has been developed to take a liquid sample that is truly representative of the entire contents of a tank. It collects liquid from the tank continuously as it moves downwards through the liquid from top to bottom. The sampler has a special valve to allow liquid to enter only while the sampler is moving downwards. The valve closes if the descent of the sampler is interrupted for any reason, and it remains closed while the sampler is withdrawn from the tank.

The sampler also has a new (patent applied for) design feature to ensure that the rate of filling is constant during operation, independent of both the depth of the sampler and the extent of filling. The top of the tube acts as a level indicator to check that the sampler is 70% - 80% full after sampling. These features together simplify the operator's task in taking an accurate sample.

The self-sealing feature of the sampler makes it particularly suitable for RVP sampling.

The sampler can be dismantled by hand for cleaning, as the photograph shows.



RNS 252 S component parts

Different inlet probe sizes are available, so that the sampler can be used to sample a wide range of liquid densities and viscosities, and tank depths, within practical time limits. These probes can be interchanged easily by the operator on-site.

Specifications

Overall diameter	38mm
Overall length	380mm
Sample (Volume at 80% full)	200ml
Material	316 Stainless Steel

Operation

The RNS 252 S is ideal for restricted/closed sampling, used with our MK 2 or MK 7 Winder.



UK Sampling Gauges Ltd



Running Sampler RNS 382

Applications

This sampler, one of our wide range of running samplers, has been developed to meet the need for a truly accurate sample of liquid cargo to be taken quickly and simply.

It has been designed and developed specifically to pass easily through 2-inch vapour control valves.

A special feature of all these samplers is the pair of adjustable inlet openings in its top cap, which give them all the ability to take samples from a wide range of liquid types – from light products to heavy fuel oils and crudes, within a practical time scale.

The design of the samplers 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 sampler has simply to be lowered and raised at a steady speed, thus simplifying the operator's task.

The samplers have a new design of outlet opening at the bottom, so that decanting its contents into a sample bottle can be done without inverting the sampler – reducing time and minimising spillage.

The samplers can be dismantled easily by hand for cleaning.

This sampler has an eyelet fitting at the top end, to connect with our MK 1A and MK 1B Winders, for open sampling.



RNS 382

Specifications

Overall diameter	38mm
Overall length	52cm
Capacity	300ml
Material	316 Stainless Steel

Operation

The RNS 382 can also be used in restricted sampling, with our MK 2 winder.

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.



UK Sampling Gauges Ltd



All-level Sampler RNS 402 D

Application

This All-level Sampler has been developed to take a liquid sample that is truly representative of the entire contents of a tank. It collects liquid from the tank continuously as it moves downwards through the liquid from top to bottom. The sampler has a special valve to allow liquid to enter only while the sampler is moving downwards. The valve closes if the descent of the sampler is interrupted for any reason, and it remains closed while the sampler is withdrawn from the tank.

The sampler also has a new patented design feature to ensure that the rate of filling is constant during operation, independent of both the depth of the sampler and the extent of filling. The top of the tube acts as a level indicator to check that the sampler is 70% - 80% full after sampling. These features together simplify the operator's task in taking an accurate sample.

The illustration shows the RNS 402 D (decanting) sampler in which the sample is simply emptied through the top cap. An alternative version is available, the RNS 402 S, with a self-sealing top cap, to meet the need for samples (of light fuels, for example) to be sent for analysis without any loss of "light ends."

The sampler can be dismantled by hand for cleaning, as the photograph shows.

Different inlet probe sizes are available, so that the sampler can be used to sample a wide range of liquid densities and viscosities, and tank depths, within practical time limits. These probes can be interchanged easily by the operator on-site.



RNS 402 D

Specifications

Overall diameter	38mm
Overall length	520mm
Sample Volume (at 80% full)	300ml
Material	316 Stainless Steel

Operation

The RNS 402 D sampler can be used in open sampling, together with our open sampling winders and, in closed/restricted sampling, with our MK 2 and MK 7 Winders.

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.



UK Sampling Gauges Ltd

All-level Sampler RNS 502 D



Application

This All-level Sampler has been developed to take accurate samples of the entire contents of a tank. It collects liquid from the tank continuously as it moves downwards through the liquid from top to bottom. The sampler has a special valve to allow liquid to enter only while the sampler is moving downwards. The valve closes if the descent of the sampler is interrupted for any reason, and it remains closed while the sampler is withdrawn from the tank.

The sampler also has a new (patent applied for) design feature to ensure that the rate of filling is constant during operation, independent of both the depth of the sampler and the extent of filling. The top of the tube acts as a level indicator to check that the sampler is 70% - 80% full after sampling. These features together simplify the operator's task in taking an accurate sample.

The illustration shows the RNS 502 D (decanting) sampler in which the sample is simply emptied through the top cap. An alternative version is available, the RNS 502 S, with a self-sealing top cap, to meet the need for samples (of light fuels, for example) to be sent for analysis without any loss of "light ends."

Different inlet probe sizes are available, so that the sampler can be used to sample a wide range of liquid densities and viscosities, and tank depths, within practical time limits. These probes can be interchanged easily by the operator on-site.



RNS 502 D
(Dismantled for cleaning)

Specifications

Overall diameter	45mm
Overall length	52cm
Capacity	500ml
Material	316 Stainless Steel

Operation

The RNS 502 D sampler can be used in open sampling, together with our open sampling winders and, in closed/restricted sampling, with our MK 2 and MK 7 Winders.

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.



UK Sampling Gauges Ltd



Running Sampler RNS 542

Applications

This sampler, one of our wide range of running samplers, has been developed to meet the need for a truly accurate sample of liquid cargo to be taken quickly and simply.

It has been designed and developed specifically to pass easily through 2-inch vapour control valves.

A special feature of all these samplers is the pair of adjustable inlet openings in its top cap, which give them all the ability to take samples from a wide range of liquid types – from light products to heavy fuel oils and crudes, within a practical time scale.

The design of the samplers 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 sampler has simply to be lowered and raised at a steady speed, thus simplifying the operator's task.

The samplers have a new design of outlet opening at the bottom, so that decanting its contents into a sample bottle can be done without inverting the sampler – reducing time and minimising spillage.

The samplers can be dismantled easily by hand for cleaning.

This version of the sampler has an eyelet fitting at the top end, to connect with our MK 1A and MK 1B Winders, for open sampling. A bayonet version is available, to connect with our closed MK 7 Winders.



RNS 542

Specifications

Overall diameter	42.5mm
Overall length	63cm
Capacity	500ml
Material	316 Stainless Steel

Operation

These samplers can be used in open sampling, with our MK 1A and MK 1B Winders. They can also be used in closed/restricted sampling, with our MK 2 and MK 7 Winders.

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.



UK Sampling Gauges Ltd



All-level Sampler RNS 1002 S

Application

This All-level Sampler has been developed to take an accurate sample of liquid from the total contents of a tank. It collects its sample from the tank continuously as it moves downwards through the liquid from top to bottom. The sampler has a special valve to allow liquid to enter only while the sampler is moving downwards. The valve closes if the descent of the sampler is interrupted for any reason, and it remains closed while the sampler is withdrawn from the tank.

The sampler also has a new (patent applied for) design feature to ensure that the rate of filling is constant during operation, independent of both the depth of the sampler and the extent of filling. The top of the tube acts as a level indicator to check that the sampler is 70% - 80% full after sampling. These features together simplify the operator's task in taking an accurate sample.

The sampler has been developed to enable the samples to be decanted through the top cap, without the need for dismantling or unscrewing any sealing caps.

The sampler can be dismantled by hand for cleaning, as the photograph shows.

Different inlet probe sizes are available, so that the sampler can be used to sample a wide range of liquid densities and viscosities, and tank depths, within practical time limits. These probes can be interchanged easily by the operator on-site.



RNS1002 S

Specifications

	RNS 1002
Overall diameter	64mm
Overall length	59cm
Capacity	1000ml
Material	316 Stainless Steel

Operation

The RNS 1002 sampler can be used in open sampling, together with our MK 1B Winder, or in closed sampling, with our MK 10 Winder.

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.



UK Sampling Gauges Ltd



Running Sampler RNS 1042

Applications

This product has been developed to take an accurate running sample of the contents of a tank. It collects its sample continuously as it moves downwards and upwards through the liquid in the tank.

The sampler has a pair of adjustable inlet openings in its top cap, which give it the ability to take samples of a wide range of liquid types – from light products to heavy fuel oils and crudes - within a practical time scale.

The design of the sampler 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 simply lowers and raises the sampler at a steady speed, to obtain an accurate sample.

The sampler has a new design of outlet opening at the bottom, so that decanting its contents into a sample bottle can be done without inverting the sampler – reducing time and minimising spillage.

The sampler can be dismantled easily by hand for cleaning.



RNS 1042
Assembled



Sampler ready to
empty into bottle

Specifications

	RNS 1042
Overall diameter	42.5mm
Overall length	94cm
Capacity	900ml
Material	316 Stainless Steel

Operation

The sampler can be used in open sampling, together with our MK 2/2 Winder for restricted sampling,

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.



UK Sampling Gauges Ltd



Running Sampler RNS 1064

Applications

This product has been developed to take an accurate running sample of the contents of a tank. It collects its sample continuously as it moves downwards and upwards through the liquid in the tank.

The sampler has a pair of adjustable inlet openings in its top cap, which give it the ability to take samples of a wide range of liquid types – from light products to heavy fuel oils and crudes - within a practical time scale.

The design of the sampler 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 simply lowers and raises the sampler at a steady speed, to obtain an accurate sample.

The sampler has a new design of outlet opening at the bottom, so that decanting its contents into a sample bottle can be done without inverting the sampler – reducing time and minimising spillage.

The sampler can be dismantled easily by hand for cleaning.

Specifications

	RNS 1064
Overall diameter	64mm
Overall length	50cm
Capacity	1000ml
Material	316 Stainless Steel

Operation

The sampler can be used in open sampling, together with our MK 1B Winder, or in closed sampling, with our MK 10 Winder.

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.



RNS 1064



UK Sampling Gauges Ltd



Running Sampler RNS 1076

Applications

This product has been developed to take an accurate running sample of the contents of a tank. It collects its sample continuously as it moves downwards and upwards through the liquid in the tank.

The sampler has a pair of adjustable inlet openings in its top cap, which give it the ability to take samples of a wide range of liquid types – from light products to heavy fuel oils and crudes - within a practical time scale.

The design of the sampler 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 simply lowers and raises the sampler at a steady speed, to obtain an accurate sample.

The sampler has a new design of outlet opening at the bottom, so that decanting its contents into a sample bottle can be done without inverting the sampler – reducing time and minimising spillage.

The sampler can be dismantled easily by hand for cleaning.



Specifications

	RNS 1076
Overall diameter	93mm
Overall length	35cm
Capacity	1000ml
Weight	1.9kg
Material	316 Stainless Steel



RNS 1076 top and bottom end views

Operation

The sampler can be used in open sampling, together with our MK 1B Winder, or in closed sampling, with our MK 12 Winder.

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.

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