Speedsampler

Operator Manual

Last Updated 14 November 2012

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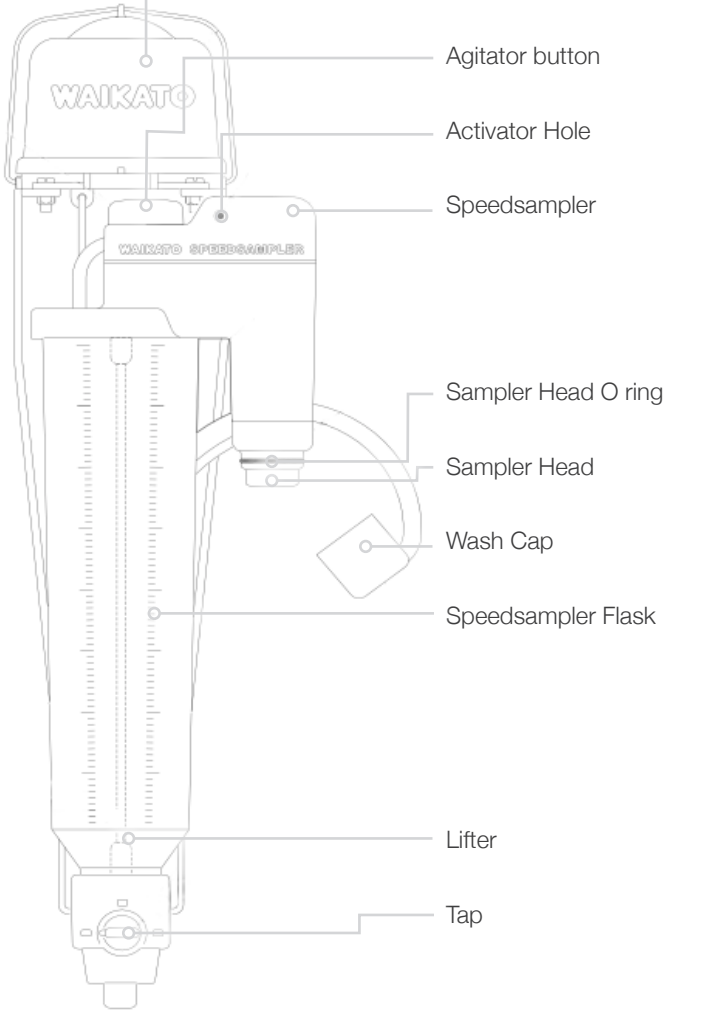
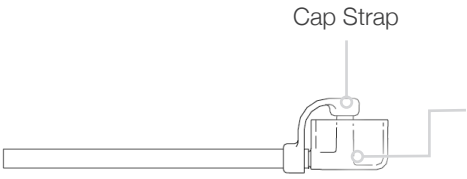
1.01 Speedsampler

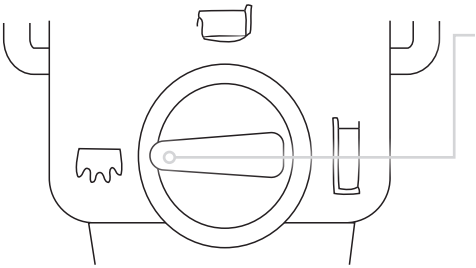


2.02 Milking

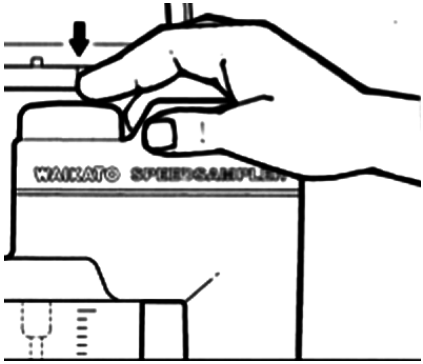


Turn on the vacuum to the milking machine. The recommended milking vacuum range for the Speedsampler is between 40 and 50 kPa

Ensure the Wash Cap is plugged to the cap strap.

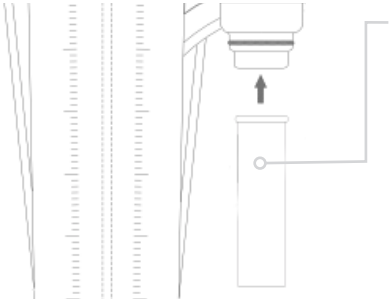


Turn Tap at the bottom of Speedsampler flask to the MILK position -



Set the Speedsampler by simultaneously blocking the Activator Hole and pressing the Agitator Button. This ensures that the drain valve closed and that the Speedsampler is ready for milking. (This procedure will also purge the flask if required.)

2.03 Sampling



Place a clean sample vial into the Sampler Head

Put the cups on the cow

When the cow has finished milking, and before applying the cluster to the next cow, read the milk yield from the scale on the flask.

Press the Agitator button. This puts the Speedsampler into agitation mode. Mixing stops once activator hole is closed.

Place a clean sample vial into the Sampler Head

Put the cups on the cow

When the cow has finished milking, and before applying the cluster to the next cow, read the milk yield from the scale on the flask.

Press the Agitator button. This puts the Speedsampler into agitation mode. Mixing stops once activator hole is closed.

The Speedsampler will automatically drain the flask, fill the sample vial, and reset itself ready for the next cow.

Apply the cluster to the next cow. The air entering the system as the cluster is applied will

purge the bypass tube.

Remove the sample vial at any time after it has filled and before activating the Speedsampler to get a milk sample from the next cow.

The vial containing milk from the previous cow can stay on the sample head without being contaminated by milk from the cow who is currently milking right up until it has finished milking.

The milk from the previous cow must be removed before the Speedsampler before it is activated to take a sample.

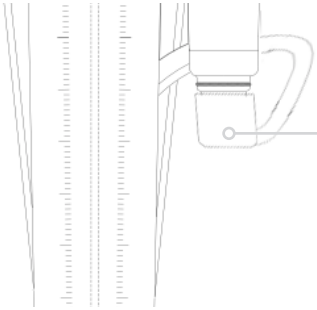
Place a fresh clean empty sample vial onto the sample head to receive a milk sample from the next cow.

Do not place preservative in the sample vial until it has been removed from the Speedsampler after the cow is milked.

2.03 Washing

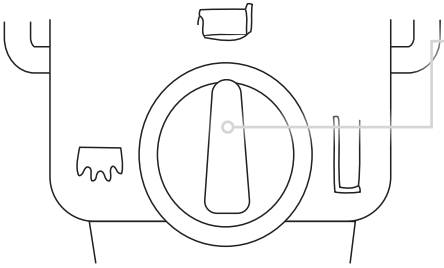
The Speedsampler is designed to wash when connected to a normal milking machine circulation cleaning system

Unplug the cap strap from the wash cap.



Remove the sample vial.

Place the wash cap onto the sample head.



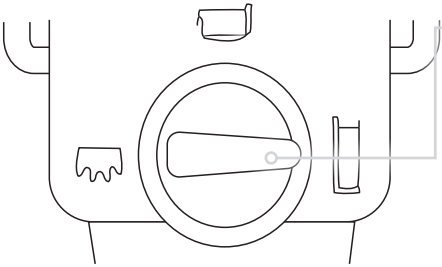
Turn the Tap into Wash position - 

Press the Agitator Button and start the wash system in the usual way. Cleaning fluids will flood the flask and circulate through the bypass tube and sample head.

For the Speedsampler to adequately clean in place, the milk meter flask must completely fill with cleaning solution, and the solution must circulate through the meter and Speedsampler for at least three minutes. To achieve this, make sure that the milking machine is rinsed with at least 15 litres per cluster of cold water followed by at least 10 litres per cluster of hot water containing detergent, and that the flow rate through each cluster is at least 3.5 litres per minute

2.04 Flask Drainage

The Speedsampler can be drained at any stage during operation.



Turn the Tap onto Drain position - 
This will fill the sample vial.

2.03.01 To improve cleaning.

The Speedsampler cleaning can be improved by draining the flask two or three times during washing.

Turn the tap to the DRAIN position for about one second, then return it to the WASH position, or briefly block the agitator hole.

The flask will drain and refill with fresh cleaning solutions.

3.01 Every Milking

2.01.01 Sampler Head

Check the Sample Head O-ring, and manually clean it if necessary.

3.02 Every 150 milkings

Dismantle the Speedsampler, check all components, and manually clean or lubricate them if necessary