



Water Testing

SystemSURE PLUS - Aquasnap



SystemSure Plus Aquasnap

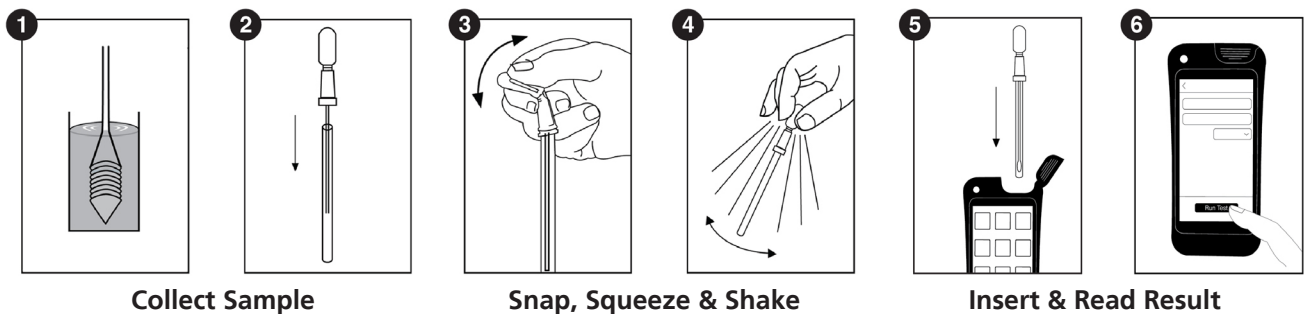
In conjunction with the Aquasnap and Ultrasnap testing devices, SystemSURE PLUS measures adenosine triphosphate (ATP) the universal energy molecule found in all animal, plant, bacterial, yeast and mould cells.

Your choice for:

Instant Microbial
Monitoring

How does the SystemSure Plus work?

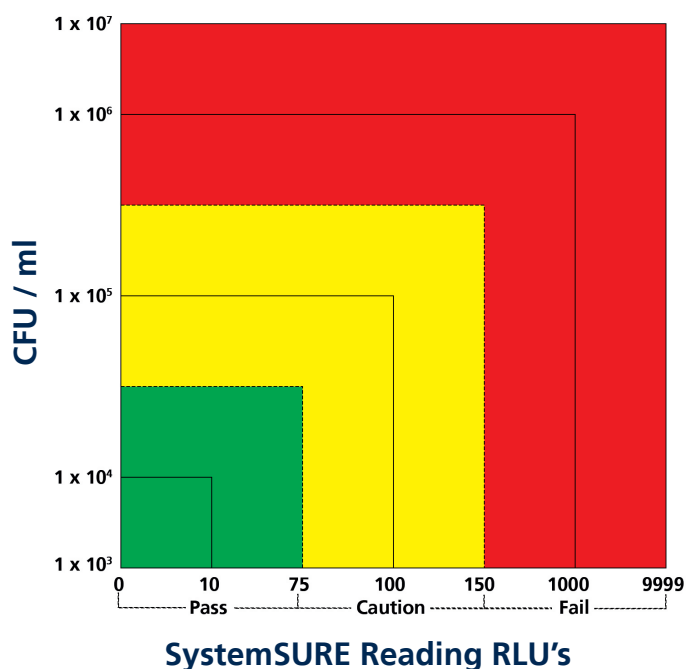
Using the Aquasnap pen, results can be obtained in 3 quick easy steps. The higher the RLU reading, the greater the contamination present on the Water.



Individual test results can be variable due to sample distribution, therefore 2 or 3 replicates for each test is advisable. Using a separate sub sample for each test avoids any possible contamination of the extractant from the dipper which may otherwise affect subsequent tests.

The graph below is only a representation and you must carry out comparison analysis from your individual site. Monitoring trends is much more useful than analysing single spot determinations.

Plate Count Correlation Water Microbiological Control With SystemSURE



Aquasnap pens are available for measuring Total or Free ATP. Aquasnap Total pens measure all the ATP present from microbial and organic sources. Aquasnap Free pens measure only organic ATP, which is the likes of pollen, leaves, bugs etc.

If the total ATP is above 75 RLU then it is advisable to retest the system water with an Aquasnap Free pen.

If the Free ATP is high, then it is due to organic loading. If the Free ATP is low, then the result obtained in the Total test confirms that the RLU result is mostly microbial, which indicates a risk.

For Aquasnap pens the control limits are

0 - 75 RLU	Acceptable
75 - 150 RLU	Caution (re-test with Aquasnap Free to determine if RLU level is due to organics)
> 150 RLU	Fail (review and adjust treatment program)



Lovibond® Water Testing

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