



Integrated measuring systems  
for the whole water cycle



# Single-Bottle Refrigerated Sampler



**HYDREKA**  
[www.hydreka.fr](http://www.hydreka.fr)

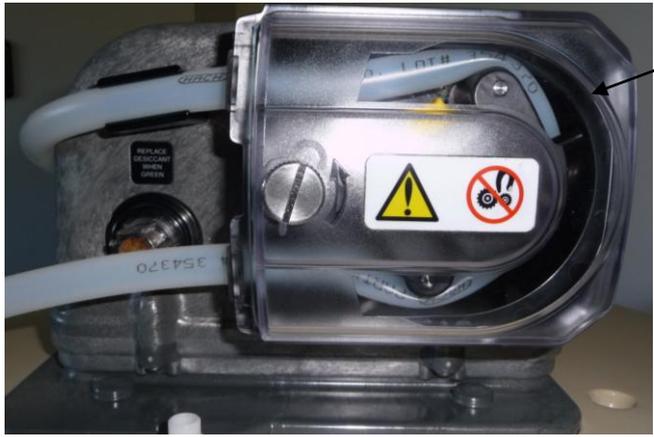
## Sampling head

|                                 |  |
|---------------------------------|--|
| <b><u>Rotor</u></b>             | <ul style="list-style-type: none"><li>- Ergonomic rotor, releasable for cleaning and quick replacement of the pump segment</li><li>-The rotor design allows for the highest possible speeds thanks to the peristaltic pump</li></ul>   |
| <b><u>Sampling System</u></b>   | <ul style="list-style-type: none"><li>- Sigma SD 900 (Complies with the ISO 56 67-10 standard)</li><li>- High-performance peristaltic pump technology with four spring-mounted rollers (no roller wear) to extend the working life of the pipes by a factor of 10 to 20</li><li>- Transparent cover for visual inspection of the pumping segment</li></ul> |
| <b><u>Suction speed</u></b>     | <ul style="list-style-type: none"><li>- From 0.9 m/s for 4.6 m of head, 0.6 m/s for 7.5 m (maximum 8.6 m)</li><li>- Constant suction speed irrespective of wear in the segment and battery voltage</li></ul>   |
| <b><u>Display</u></b>           | <ul style="list-style-type: none"><li>- Large backlit LCD screen</li><li>- Four function keys and eight navigation keys</li></ul>  |
| <b><u>Programming</u></b>       | <ul style="list-style-type: none"><li>- Programming by drop-down menu</li><li>-Advanced sampling is available (rain impact, multiple start-ups and shutdowns, etc.).</li><li>- Log of events and samples, three user-defined and password-protected programs stored in memory</li></ul>  |
| <b><u>Liquid detector</u></b>   | <ul style="list-style-type: none"><li>- Guarantees an exact sample volume</li></ul>  |
| <b><u>Desiccant</u></b>         | <ul style="list-style-type: none"><li>-Quick replacement of the desiccant cartridge (2 min), threaded side-mounting</li></ul>  |
| <b><u>Serial port</u></b>       | <ul style="list-style-type: none"><li>-RS232 compatible</li></ul>  |
| <b><u>Language</u></b>          | <ul style="list-style-type: none"><li>-Several languages available</li></ul>   |
| <b><u>Protection rating</u></b> | <ul style="list-style-type: none"><li>-IP67</li></ul>  |





*Sampling head*



*Pumping segment*



*Pumping segment*

Transparent cover

Rotor

Four rollers

## Single-bottle refrigerated

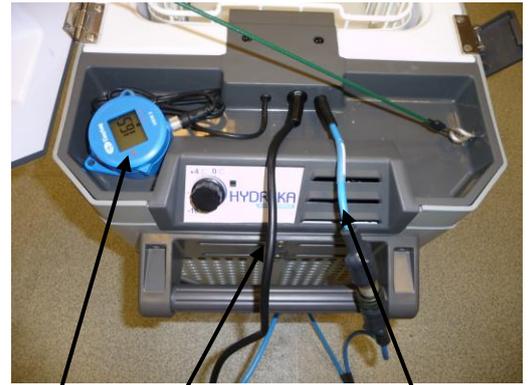


## Advantages

- Standalone operation
- Robustness > four reinforced corners
- Side carrying handles
- Insulated cover supplied to keep the unit cool

## Technical Characteristics

- Oscillating motor compressor technology for 30% lower electrical consumption than a cooling unit using Danfoss compressor technology.
- Adjustable refrigeration temperature (to -18°C) with continuous display and optional recorder.
- Exceptional thermal inertia to maintain the temperature at 4°C according to the ISO 56 67-10 standard
- 220 V and 12 V power supply
- Two-year guarantee with possible extension to three years
- Weight: 22 kg
- Dimensions: 483 mm x 636 mm x 366 mm
- Internal dimensions: 375 mm x 265 mm x 345 mm



Tynitag

220 V power supply

CNT 38 external  
battery power supply

Adjustment knob

Closure

Four reinforced

Two side handles

Available for sale and rental . Please contact us for more information.



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