



Integrated measuring systems  
for the whole water cycle



# Multiple-Bottle Refrigerated Sampler



24x1L = unique on the market

Standalone multiple-bottle  
sampler (different capacities  
available)

One-piece technopolymer  
container

Technology: peristaltic pump

Compliant with the RSDE  
standard

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

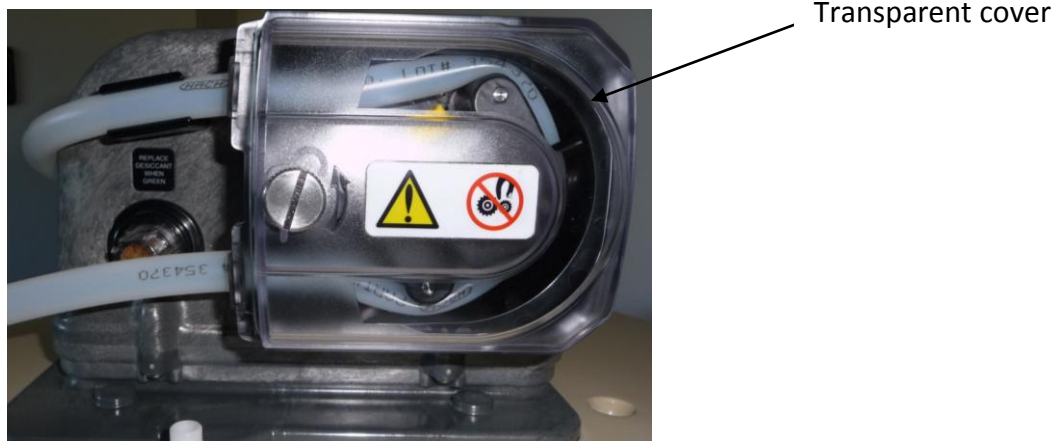
## Sampling head

<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>

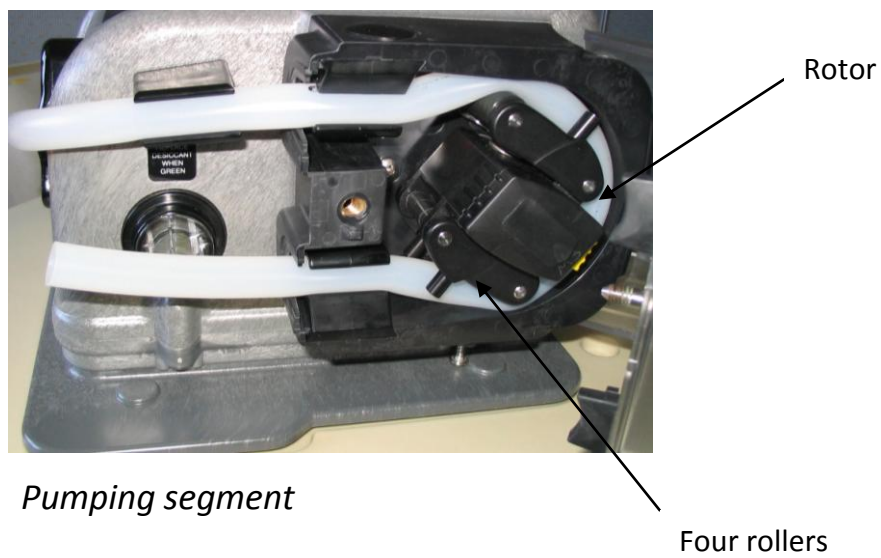




*Sampling head*



*Pumping segment*



*Pumping segment*

## Cooling Unit

<b><u>Protection</u></b>	-Protected from rain and splashing water
<b><u>Compressor</u></b>	-Hermetic and ventilated Danfoss compressor
<b><u>Thermostat</u></b>	-Digital, removable, with display and temperature adjustment keys.
<b><u>Power supply voltage</u></b>	-12 volts per waterproof military connector ✓ One power supply connector for the cooling unit and the sampling head ✓ One 12 V power supply cable for cigarette-lighter connector
<b><u>Protection fuse</u></b>	-10 A
<b><u>Operating ambient temperature range</u></b>	+3°C to 35°C



*Cooling Unit*

## Multiple-Bottle Refrigerated



### Dimensions

- height 91 cm x 58 cm diameter

### Tare weight

-35 kg

### Cover

-Additional cover available for use as a simple refrigerated enclosure; also facilitates handling.

### Constituent material:

-One-piece technopolymer container, without joints or welds.  
-5 cm thick wall, injection-moulded polyurethane (without CFCs) for optimum thermal insulation.

The exceptional thermal inertia optimises the regulation cycle, limits the number of compressor start-ups, optimises battery life, and maintains the temperature at 4°C in accordance with the ISO 56 67-10 standard.

### Bottling

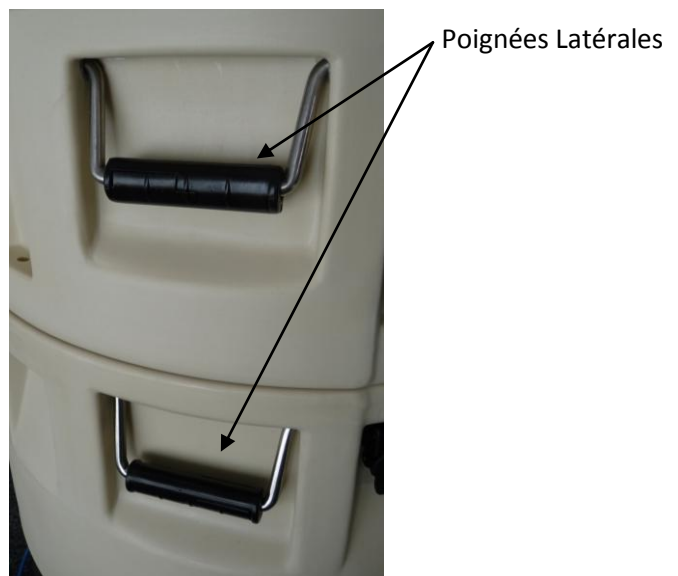
- Single-bottle  
- 24 x 1 L; 1x 11 L; 1x15 L; 1x20 L; 4x3, 7 L; 24x350 ml glass  
- 1000 ml polyethylene



Uniform heat distribution thanks to the circular enclosure.

## Transport/Handling

- Modular assembly (see photos) > dimensions, weight
- Handling: two side handles built into the structure.
- Two-wheel hand truck



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

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