



**HATENBOERWATER**

*Fresh in water since 1906.*

## HW Hygicult

### Compact laboratory for microbial on-site sampling and analysing

The HW Hygicult is a testkit with an incubator for convenient on-site sampling and analysing. The test kit is used for rapidly monitoring the general hygiene status of fresh water. With the test kit it is possible to test the TPC (total plate count), monitor total bacterial counts and detect Enterobacteriaceae and Escherichia coli.

The set is small and light and can easily be transported to the location of use. Tests can be performed onsite, or the slides can be used as convenient transport media for samples.

The incubator has a transparent door, which allows you to check inside the incubator without opening the door. It is also equipped with a thermometer and multi-rack shelf.

#### Sampling

Liquids can be analyzed by dipping the growth medium in the liquid for 3 - 4 seconds. It is important that the agar slide is in contact with the sample.

#### Incubation

After sampling the agar slides must return into test tube. Close the test tube with the screw-cap. The tubes are not be frozen under any condition. The agar slides have to incubated for 1 - 2 days at a temperatures of 35 – 37 °C.

#### Results

After incubation, remove the agar slides from the test tube and interpret the growth- color reactions according to the instructions. Compare the density of the colonies in the agar surface with the example on the instruction manual.



#### Features and benefits

- Rapid monitoring of micro-biological hygiene
- Easily transported because of the small size
- Reliable and durable
- Modern and efficient way of microbial sampling
- Test results easily interpreted
- Samples don't need to be sent to a laboratory on-shore
- Interpret results with model chart included in the set



# HW Hygicult

## Technical specifications

<b>Part number</b>	0500-CULTURA
<b>Temperature range</b>	25 - 45 °C
<b>Temperature</b>	± 1 °C
<b>Voltage</b>	230 Volt (110 V)
<b>Frequency</b>	50 - 60 Hz
<b>Consumption</b>	26 W / 0,2 A
<b>Safetyclass</b>	II
<b>Insulation</b>	Double SEV-tested
<b>Construction</b>	ABS white
<b>Door</b>	Styrolux, transparent
<b>Thermometer</b>	up to 60 °C, in special container
<b>Base</b>	ABS white
<b>Guarantee</b>	2 years from installation date
<b>External dimensions</b> <i>(W x H x D)</i>	310 x 155 x 168 mm
<b>Internal dimensions</b> <i>(W x H x D)</i>	220 x 120 x 150 mm
<b>Weight</b>	1,1 kg



Dipping



Drying



Incubation



Interpretation of results



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