



Aquamerck® compact laboratories

On site with the lab

No matter whether you wish to check a specific concentration range for a given parameter on the spot or if you just want to check a limit – the Aquamerck® compact laboratory contains all the reagents and accessories necessary for the application in question. The robust carry-case provides protection for the contents, and the opened cover can be used as an on-the-spot workbench.

Economical refill packs are available for each parameter for the compact laboratories, too. These reagent bottles can be placed in the case directly and reduce the costs for the later determinations.



The advantages of the compact laboratories

- User-oriented compilation of the reagents
- All reagents in a minimum space
- No further instruments or accessories necessary
- Safely packaged
- Easy to handle and robust
- Always ready for use

The compact laboratories at a glance

Aquamerck® compact laboratory for aquaristics

Ord. No. 1.11102.0001

Compact laboratory for the determination of pH, carbonate hardness, total hardness, ammonium/ammonia, nitrite and nitrate in freshwater and seawater.

This parameter combination can be used to check and monitor the most important quality-relevant water constituents, in freshwater and in some cases also the seawater of an aquarium. With the help of available literature data, these results can be used to control the parameter concentrations that must be observed for the fish stock. An appropriate range of separate tests are also available for other parameters that must also be monitored.

Scope of delivery

| Parameter | Measuring range | No. of tests | Ord. No. refill pack |
|---|-------------------------------|-----------------|----------------------|
| Aquamerck® Ammonium Test in freshwater and seawater | 0,5-10 mg/l NH ₄ | 50 | 1.14657.0001 |
| Aquamerck® Carbonate Hardness Test | 1.25 °e | 50 bei 10°d | 1.14653.0001 |
| Aquamerck® Total Hardness Test in Freshwater | 1.25 °e | 100 bei 10°d | 1.14652.0001 |
| Aquamerck® Nitrate test in Freshwater | 10 - 150 mg/l NO ₃ | 100 | 1.11169.0001 |
| Aquamerck® Nitrite Test in Freshwater and Seawater | 0.05 - 1 mg/l NO ₂ | 100 | 1.14658.0001 |
| Aquamerck® pH Test in Freshwater and Seawater | pH 5.0-9.0 | 200 | 1.18763.0001 |
| Test vessels with 5 ml and 10 ml graduations for Aquamerck® and Merckoquant® Tests | | 1 pack = 30 pcs | 1.17989.0001 |



Aquamerck[®] compact laboratories

Ord. No. 1.11151.0001

Aquamerck[®] compact laboratory for water testing

Compact laboratory for the determination of pH, ammonium, biological oxygen demand (BOD), carbonate hardness, total hardness and (residual hardness), nitrate and nitrite, phosphate and oxygen.

The tests of this compact laboratory can be used to rapidly check all major parameters of standing or flowing surface water and to assess the current water quality. The compact laboratory is optimally suited for use in school lessons as well as for professional applications e.g. by water monitors.

Scope of delivery

| Parameter | Measuring range | No. of tests | Ord.No. refill pack |
|---|-------------------------------------|--------------------------------|---------------------|
| Aquamerck [®] Ammonium Test | 0.2 - 5 mg/l NH ₄ | 50 | 1.08024.0001 |
| Aquamerck [®] Carbonate Hardness Test/ Acid cap. to pH 4.3 (ANC) | 0.25 - 25 °e ANC: 0.1-7.2 mmol/l | 300 at 12.5 °e | 1.08048.0001 |
| Aquamerck [®] Total Hardness Test | 0.25 °e - 25 °e | 300 at 12.5 °e | 1.08033.0001 |
| Aquamerck [®] Nitrate Test | 10 - 150 mg/l NO ₂ | 200 | 1.11170.0001 |
| Aquamerck [®] Nitrite Test | 0.025 - 0.5 mg/l NO ₂ | 200 | 1.08025.0001 |
| Aquamerck [®] pH Test | pH 4.5 - 9 | 400 | 1.08027.0001 |
| Aquamerck [®] Phosphate Test in freshwater and seawater | 0.5 - 3 mg/l PO ₄ | 100 | 1.14661.0001 |
| Aquamerck [®] Oxygen Test | 0.1 mg/l O ₂ | 100 at 8.5 mg/l O ₂ | 1.11152.0001 |
| Flat-bottomed tubes inclusive screw caps for Microquant [®] Tests | | 1 pack = 12 pcs | 1.14902.0001 |
| Thermometer | | | |
| Aquamerck [®] Oxygen Reaction bottle | | 1 bottle | 1.14663.0001 |