

CMC soil and compost laboratory

Your basic equipment for quality assurance.

In order to obtain a high-quality product, the composting process must be optimally monitored and controlled. This requires meaningful compost parameters from your composting site. These can be easily measured with our CMC soil and compost laboratory.

When putting together this compact testkit, particular attention was paid to practical use, robustness, resistance to dirt and, of course, the selection of the individual components. It is particularly suitable for quick tests in the field or on the composting site, as it promptly shows you the current conditions in your compost. Easy sample preparation, simple test methods and fast, meaningful results provide you with immediate information, help you to make decisions and avoid errors.

You can exactly measure Nitrogen in its various forms (Nitrate NO_3^- , Nitrite NO_2^- and Ammonium NH_4^+) as well as the pH value and sulphide (S^{2-}). This allows the process to be optimized, the environment to be protected and the production of high-quality compost.



The CMC Testkit for soil and compost was compiled according to the strict criteria of Controlled Microbial Composting.

Scope of supply:

Instruction manual, reagents for sample preparation and analysis, electronic scale, filterpaper, various measuring beakers and accessories, robust and clearly laid out transport case with durable, high-quality and dirt-resistant foam, pH meter optionally available at an extra charge

pH precision meter

The pH value is a decisive factor in composting. If the process is properly controlled, the pH value changes to the alkaline range after a few days. If the pH value remains below 7 for too long, this is a clear indication of a misguided process. To avoid incorrect values, the pH value should be measured as soon as possible after taking the sample. This eliminates many sources of error from the outset. You can also take immediate action without having to wait for the results of an analysis.

Technical data

Accuracy:	+ / - 0.02 pH
Graduation:	0.01 pH
Span:	0 - 14 pH
Power supply:	9 V battery

Scope of supply:

Measuring device with pH probe, 2x container with buffer capsules

Optional:

Various special electrodes, additional buffer capsules, analog output, 3 mol KCl solution for storing the probe, adapter for external probes, accessories for sample preparation



Download your smart monitoring sheet

Use our free monitoring sheet for easy documentation and evaluation of your measured parameters.

This form helps you to assess the rotting condition and rotting progress. It automatically displays values that lie outside the limits for aerobic process control in accordance with ÖNORM S2205.



You can download the monitoring sheet here



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