

CompostTechnology Equipment

CMC Soil and Compost Laboratory

CMC has no exclusive test methods, but of all things has succeeded in the compilation of different test instruments under special criteria. The CMC MINI-LAB is one of the newest products out of this development. In the selection of materials and instruments, special care was given to practical use, durability, ease of cleanup, and naturally the quality of materials.

The CMC 'MINI-LAB' has been designed, especially for quick tests in the field, or at the compost site. Easy sample preparation, simple test methods, quick and applicable results, help the practitioner in his decisions and therefore, allow for immediate action and avoidance of mistakes.

The CMC 'MINI-LAB' gives the farmer and gardener prompt answers over actual values in the soil - no more waiting for results from a test laboratory. Nitrogen in its different ionic forms or pH values may be tested exactly. Fertilizers can be applied precisely and therefore used optimally, which helps maximize efficiency and protect the environment from unnecessary pollution.

A composter also needs immediate answers about the quality of his product, unfinished compost can cause damage to both plants and the environment. Well matured compost, produced under the proper process controls however, can do wonders for better plant growth, disease & pest control, and soil improvement. With the CMC 'MINI-LAB' compost can be tested quickly and easily for nutrient content, pH, and phytotoxicity. Mistakes on the judgment of compost quality can turn out to be quite costly and can be avoided by regular testing.

A practical users manual is included with your CMC 'MINI-LAB', to get you off to an easy start on compost evaluation. Easier still, is to enroll in a CMC soil or compost class.



Test parameters: Nitrogen (NO_3 , NO_2 , NH_4^+), PH(redox), sulfide

Contents: Reagents necessary for sample preparation and analysis, electronic scale to 0.1 accuracy, filter paper, different measuring cylinders and apparatus, precision pH-meter with redox capability, robust, clearly arranged carrying case with cleanable, high quality foam

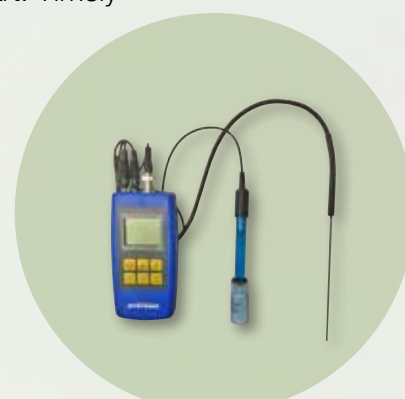
Precision pH/mV (Redox)

The pH-value is an important factor for composting, lime application, tilling soils, choice of crop, and rotation. In order to avoid inaccurate results, the pH value should be tested on site, or directly after sample was taken. This eliminates the basis for many false results right from the start. Timely results will also enable a farmer to take immediate action without the wait for an analysis from an analytical laboratory.

Technical Data:

Accuracy:	+/- 0,02 pH
Graduation:	0,01 pH
Range:	0-14 pH
Power:	9 volt battery

Contents: 1 pH meter including electrode, 2 buffering capsules including container



Options: different special electrodes, extra puffing capsules, 3mol KCL.
Solution for electrode storage, adapter for other electrod.