



Fertimeter NPK 1

**Device for measurement
of nourishing contents**

Device to measure the nourishing contents of slurry.



This device, that enables to measure the nourishing contents of slurry, has been projected by PTM in cooperation with the Institute of Agricultural Engineering of the University of Milan. It involves an important innovation since it allows, thanks to the exclusive PTM's idea, to detect in real time the slurry nutrient values in the actual moment they are used. So PTM is in position to give you security, simplicity and reliability with only one device that can be easily and used by a farmer. Through this device the farmer can spread the slurry according to the real nitrogen content, reducing environment risks and saving chemical fertilizers.



Other qualities of said device, really appreciated by our customers, are undoubtedly the cheapness and its good practicality. It is also available in two versions: with a manual feeler and with a feeler to install directly in the tank. The feeler, which is put in the slurry, creates an electrical circuit, whose properties are measured by the device and transformed in nitrogen, phosphorus and potassium contents.

This appliance is used to measure the nutrient concentration in zootechnical sewages. The user have to dip the feeler connector to the appliance into the sewage to analyse. Automatically the following concentrations will be calculated: Total Nitrogen (TKN), Ammoniacal Nitrogen (N-NH₄), Phosphorus (P₂O₅) and Potassium (K₂O). All concentrations are in Kg/m³ (kilos per cubic meter). This appliance keeps the last 100 acquisitions. Each time you make an acquisition, the calculated values are memorized in a location. Two print types are available:

- > **"print of last acquisitions"**: you can print the concentration of the four nutrients regarding the acquisition memorised from last print;
- > **"interval print"**: you can print the concentration of the four nutrients regarding the acquisition memorised in a certain period.

Prize-Giving Received for Fertimeter NPK1

PTM S.r.l. of Visano has received from Eima of Bologna the excellence certificate, from Agritechnica of Hannover the Silver medal and what's more the gold medal from Landbouw Werktuigen Beurs in Holland, where problems about slurry are very important. Thanks to PTM people have found a solution for this serious matter. Fertimeter NPK1 is a simple and versatile instrument for an efficient agronomic management regarding the zootechnical slurry, in particular during distribution phase. This electronic system can measure nourishing contents of slurry. As consequence it is possible to distribute it according to real nitrogen contents, reducing environment risks and saving chemical fertilizers.

