



SAMPLING  
SOLUTIONS

MEGA SYSTEM

CALIBRATION  
& METROLOGY

# DRYAS



- Analysis of compostable materials
- Dedicated software
- Up to 6 acquisition channels
- It works on mains power and rechargeable backup battery
- According to UNI EN 16087-2 standard



CARE FOR THE  
ENVIRONMENT



This instrument can be used to analyse the aerobic activity of compostable materials by using a self-heating test compliant to the standard **UNI EN 16087-2**. The composted and well-prepared material will be placed in a special thermally insulated container and its temperature will be verified at regular intervals. After achieving the peak temperature or after 10 days at most, the test will be stopped.

**DRYAS** is able to manage up to **6 acquisition channels** and that characteristic allows the execution of several tests at the same time.

Once started, the analysis continues independently: it's also possible to set an **automatic email alerts** in case of error or at the achieving of the peak temperature.

All data about the environmental temperature and all the data of the multiple channels will be saved and visualized directly on the dedicated software in real time, ensuring ease of use and clearness about the data.

The provided thermocouples are designed to allow the direct insertion in the compost without the need of other supports to accurately measure the temperature changes of the samples.

## MAIN FEATURES

- Long thermocouples for an easier distribution of the various samplings
- Internal long-lasting backup batteries in case of power failure
- Up to 6 acquisition channels on a single instrument, that can be controlled with only one computer and with the same software.
- Easily removable and replaceable thermocouple: they can be LAT calibrated on their own or in thermometric chain with the instruments.
- Software designed exclusively for compost analysis to facilitate the analysis as much as possible.



## TECHNICAL SPECIFICATIONS

<b>Interface</b>	
Interface	RS485 (connection to PC)
<b>Environmental Conditions</b>	
Temperature	0°C : 45°C - 95% UR
<b>Energy</b>	
Mains power	Input 230 Vac - 50 Hz
Battery	Internal backup batteries
Consumption	20 W
<b>Features</b>	
Weight	2 Kg
<b>Options</b>	
Computer with connexion	
Dewar Vase on request (compliant to the standards UNI EN 16087-2)	
<b>Temperature Sensors</b>	
Range	0 : 100°C
Resolution	0,1°C
Accuracy	± 0,5°C
<b>Supplied with</b>	
Technical manual	
Test report	
Software designed exclusively for compost analysis	
<b>Software Features</b>	
Real time charts	
Export data in .Xls format	
Automatic email alerts	

