SAMPLING SOLUTIONS

MEGA SYSTEM

CALIBRATION & METROLOGY

DRYAS

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

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DRYAS

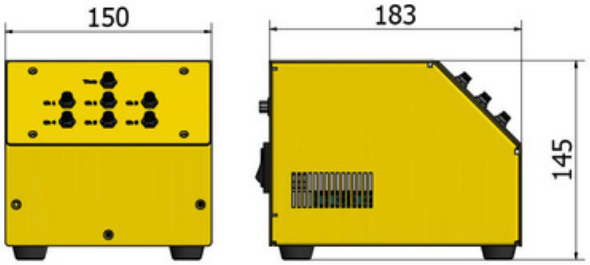
DRYAS is used to analyse the aerobic activity of composted material using the self-heating test in accordance with the standard **UNI EN 16087-2**.
The composted material, properly prepared, is placed in a specially designed thermally insulated container, and its temperature is monitored at regular intervals. The test will be interrupted upon reaching the peak temperature or after a maximum of 10 days.

The instrument can manage **up to 6 separate channels**, allowing the simultaneous execution of multiple tests.
Once started, the analysis proceeds **automatically**: it is possible to **configure notifications via email** in case of error or upon reaching the maximum temperature.
All data regarding the environmental temperature and all channels can be saved and viewed in real time on the **dedicated software**, ensuring an **intuitive interface** and a clear understanding of the collected data.
The **supplied thermocouples** are designed to accurately measure temperature changes in the samples and are intended to be inserted directly into the compost, without the need for additional supports.

MAIN FEATURES

- Long thermocouples for an easier distribution of the various semplings
- **Long-lasting internal backup batteries,** ensuring operation even in the event of a power failure (<3h)
- **Up to 6 acquisition channels on a single instrument**, with the ability to manage multiple 6-channel modules via a single computer and the same software
- **Removable and easily replaceable thermocouples**: individually calibratable (LAT) or in combination with the instrument in a thermometric chain.
- **Software specifically designed for compost analysis,** aimed at simplifying and making all analysis operations more efficient

DRYAS



TECHNICAL FEATURES

• **DATA STORAGE INTERFACE**	
RS485 (connection to PC)	
• **ENVIROMENTAL CONDITIONS**	
Temperature	0°C : 45°C - 95% UR
• **ENERGY**	
Mains power	Input 230 Vac - 50 Hz
Battery	Internal backup batteries
Consumption	20 W
• **FEATURES**	
Weight	2 Kg
• **OPTIONS**	
Computer with connession	
Dewar Vase on request (compliant to the standards UNI EN 16087-2)	
• **TEMPERATURE SENSOR**	
Range	0 : 100°C
Resolution	0,1°C
Accuracy	± 0,5°C
• **SUPPLIED WITH**	
Technical manual	
Test report	
Dedicated software for compost analysis	
• **SOFTWARE FEATURE**	
Real time charts	
Data export in .XLS format	
Automatic email allert	