

Intelligent Compost Degradation Analyzer



1.Introduction:

The BEP series Intelligent Compost Degradation Analyzer is a high-tech biodegradation analysis measuring instrument independently developed by BEVS with many years of biodegradation research and development technology and application experience, using patented intelligent algorithms, adhering to the human-oriented design concept, and the latest independent research and development of high-end intelligent compost degradation testing equipment. BEVS is committed to protecting our common earth home.

The BEP series intelligent compost degradation analyzer provides proprietary data analysis software and one-click report output function. It is suitable for manufacturers, inspection and testing institutions and research institutes to conduct research, analysis and testing on degradable materials.

2. Features:

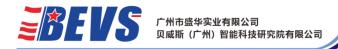
- 1) 15-inch touch screen operation
- 2) Human-machine real-time interface communication
- 3) Integrated design makes the laboratory more tidy

2.1. Composting reaction module

- 1) Independent compost containers, made of high-grade quartz
- 2) Two layers shelf, each shelf can hold up to 18 compost containers
- 3) Freely combinable, independent test, intelligent identification channel

2.2. Measurement monitoring module

1) Each channel with gas flow and carbon dioxide (CO2) concentration sensors



- 2) Data collection of all channels is completed every 15 seconds, real-time monitoring of microbial activity status
- 3) Real-time intelligent integration of carbon dioxide during the measurement process, automatically save all channels test data each hour
- 4) Real-time display of dynamic curves of flow rate, carbon dioxide concentration and output
- 5) Flow leakage alarm
- 2.3. Result Analysis Module
- 1) With intelligent data grouping analysis software
- 2) One-click analysis of test results, greatly saving laboratory human resources
- 2.4. Metering/Calibration
- 1) Support metering/calibration mode
- 2) The key sensors can be calibrated by customers to ensure the accuracy of the measurement
- 3) The CO2 measuring components are regularly calibrated with standard gases to meet the needs of laboratory management
- 2.5. Unexpected power failure to continue testing functionSupport unexpected power failure, continue testing if power back within 48 hours
- 3. Comply with Standards

ISO 14855-1, GB/T 19277.1, ASTM D 5338, JIS K 6953, DIN V54900

4.Ordering information

BEP 8109	Intelligent Compost Degradation Analyzer (9 channels)
BEP 8112	$Intelligent\ Compost\ Degradation\ Analyzer\ (\ 12\ channels)$
BEP 8118	$Intelligent\ Compost\ Degradation\ Analyzer\ \ (\ 18\ channels\)$
BEP 8124	$Intelligent\ Compost\ Degradation\ Analyzer\ (\ 24\ channels)$
BEP 8130	$Intelligent\ Compost\ Degradation\ Analyzer\ \ (\textbf{30}\ channels)$
BEP 8136	$Intelligent\ Compost\ Degradation\ Analyzer\ (36\ channels)$