

# DRI - DYNAMIC RESPIRATION INDEX

## WASTE DEGRADATION TESTS

### Principles

DRI Respirometer measures  $O_2$  to determine the activity of microorganisms in degradable organic matter under defined continuous airflow and adiabatic conditions. The samples are measured in hermetically sealed vessels (adiabatic), which create controlled conditions determined by EU and other norms.



DRI Respirometer

### Applications

- **UNI 11184** - Determination of biological stability by DRI;
- **EN 15590** - Determination of the current rate of aerobic microbial activity using DRI;
- Other applications for waste degradation.

### Advantages

- Multi - channel system: 1 / 3 / 6 / 12;
- Various sizes of vessels: 2L, 10L, 20L, 30L;
- Temperature sensor in each vessel;
- Automatic condensate removal system;
- Temperature, flow, pressure, humidity measurements;
- Sensor  $O_2$ : Range 0-25%, Accuracy: 2%;
- Remote desktop control;
- Air source (compressor) included.



DRI Software