

UGT Laboratory Lysimeter

Lysimeters are used to:

- Monitor the movement, the storage and the degradation of contaminants in the soil, the soil water and soil gas.
- Monitor the correlation between the soil, environmental influences and plant parameters such as root growth or harvest.
- Determine the water balance under natural or controlled conditions.
- Laboratory lysimeters enable special research work.

Advantages:

- Study soil processes under laboratory conditions
- Controlled environment allows more precise experiments,
- Scale is adapted to several processes and permits shorter test times compared to field studies.
- Different materials can be integrated quickly.
- Laboratory lysimeters can be used to realise both monoliths and specifically filled columns
- Lab lysimeters in different configurations.
- Control the boundary conditions using a suction base or overhead irrigation;

