

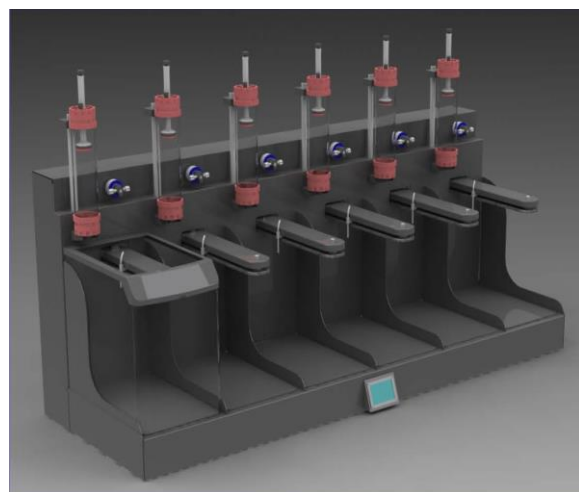
Automated Column Leaching Test

Accurate and flexible leaching tests

Rohasys and ECN present the 6-channel automated column leaching test for leaching of inorganic and organic substances from granular materials. Due to the flexible setup, the system is suitable for research purposes and performance of standardised test methods.

Highlights

- Up to six tests in parallel
- Automated flow control and vessel change at predetermined L/S intervals
- Flexible setup in terms of flow rate and L/S intervals
- Leaching test for organic contaminants possible
- Experiments under nitrogen atmosphere possible
- Direct integration with LeachXS database system



Applications

- Applicable for all granular materials
- Environmental Risk Assessment
- Product Quality Testing
- Landfilling Emissions Testing
- Recovery/Recycling Testing

Specifications

Compliant with

NEN 7373
EN14405
CEN/TS 16637-3
DIN 19528
ISO 21268-3
EPA method 1314

Case: Steel Slag Product Quality

Steel slag can be used as a construction product, e.g. under roads or in embankments. This is a useful application for a waste material and saves costs compared to using primary materials. However, it must be ensured that contaminants do not leach out and cause environmental damage.

The automated column leaching test was used to determine the emission rate from the steel slag. By comparing the results to the norms for application in the soil, ECN was able to establish that safe application was possible.



Direct integration with LeachXS database/expert system

www.leachxs.com

