

## Microwave reactor

### Description/Parameters

The microwave digestion system ETHOS UP offers a solution for the digestion of organic and inorganic samples as a preparatory measure for analysis on an atomic absorption spectrometer or organic and inorganics synthesis.

- Visual indication of temperature and pressure values.
- Temperature up to 270 °C (short-term load 310 °C).
- Pressure 50 bar (normal load).
- Rotor with 15 positions for samples.
- Sample weight for digestion from 50mg to 500mg.

### Utilization/Services

A microwave digestion system can be used in hundreds of applications for different types of materials. Decompositions are usually carried out in a mixture of acids.

Examples of commonly decomposed materials

- Ash, catalysts, concretes, sludge (dry), spinels, zeolites and various biological materials.
- Possibility to decompose new materials.

