

Magnetic Suspension Balance (Rubotherm)

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Principle of Measurement

- The scale itself is placed on top of the device and consist of an electromagnet keeping the sample-container in place. By measuring the force used to do so, the weight of the sample can be obtained.

Possibilities

- The non-contact measurement setup allows measurements of mass changes of the sample under a defined atmosphere, e.g. for sorption measurements.

Zubehör

- Gas dosing system
- Pressure measurement
- Electrical Heating
- Thermostat
- PC for monitoring and controlling

Measuring Range

- Loading 0-20 g
- Resolution 0,01 mg
- Relative Error: < 0,002 %
- Temperature: RT up to 500 °C
- Pressure: vacuum up to 150 bar

Time of Measurement

- Some hours up to several days od weeks

