

Quality testing on a lab scale:

- Measure raw material quality in advance and quickly react to quality variations before the raw material is used in production
- Use significantly less material to carry out your trials

Configure the system according to your specific application:

- Connect other measuring mixer or measuring extruder heads to the MetaStation
- Make use of the broad range of different die heads, mixer blade geometries and extruder screws

Compact design: Table-top design saves space in your lab

Benefits

Brabender®

... where quality is measured.

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Brabender® MetaStation with measuring mixer

Torque Rheometer with measuring head for
material research and quality control

Application

What does it measure?

- Speed, torque and temperature
- Properties and melt behaviour
- Different evaluations like fusion behaviour, heat and shear stability, plasticizer absorption of PVC-dry blends etc.

Why is this important?

- The measured values are relating to the material behaviour and allow conclusions about the rheological properties
- Easy repeatability of device setting for e.g. recipe development
- Possibility for process upscale

Application / Features

Fields of application

- Raw material and recipe development
- Material testing
- Quality control parallel to production
- Optimization of the production process
- Laboratory-scale production of samples for further investigation

What does it feature?

- Real torque measurement up to 200 Nm
- Connectable with different measuring heads

Features

- Different measuring mixer types
- Measuring extruders with Ø 19 mm
- Conical twin-screw extruder CTSE
- MetaBridge software
 - User-friendly operation by touch – perfect for tablets and smartphones
 - Ready to use, no installation necessary
 - Live test tracking by authorized users from multiple end devices all over the world at a time
 - Optimized functions for editing and adapting diagrams to your individual needs