

Material 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

Compact design:

- Already includes a drive, no external solution necessary
- Save space in your lab

Compared to the old model, this new version features:

- Interchangeable L-Liner
- Drive concept with integrated motor (600 & 1200 rpm)
- Docking Station usable with different torque rheometers, Lab-Station and EC version

Benefits

Brabender®

... where quality is measured.

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**Brabender®
Lab-Compounder KETSE 20/40**

Twin-screw extruder for material development
and characterization on a laboratory scale

Contact us

Application

What does it measure?

- Pressure, temperature

Why is this important?

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

Case study

Initial situation:

Customer develops new materials for food packaging films. He would like to know the processibility and control the quality by film inspection.

Return:

The Lab-Compounder KETSE 20/40 can be used to produce a blown or flat film (even co-extrusion) by application of flat or blown film die heads. With the corresponding take-up systems a film can be produced and winded.

Case study

To run film test on production extruders with throughput ranges from e.g. 500 - 2000 kg/h and more consumes a lot of material and money for polymers, cleaning time and lost production time.

Therefore:

A laboratory extrusion line with max. 10 kg/h throughput saves a lot of money every day, reduces your development time and response time necessary for customer complaint management.