**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:**

- The possibility to use a compact liner
- Interchangeable L-Liner
- Drive concept with integrated motor (600 & 1200 rpm)

## Benefits

Brabender®

… where quality is measured.

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## Contact us

# Brabender® TwinLab-C 20/40

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

## 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 TwinLab-C 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.