

- Control the quality of your products
- Simulate the production of small tubes, profiles, round rods, blown and flat films on a lab scale
- Develop recipes
- Test pigment distribution

Compared to the old model, this new version features:

- A new design of the housing
- An optional application for co-extrusion by reduced processing heights
- New processing lengths 32 D available

Benefits

Brabender®

... where quality is measured.

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**Brabender® Stand-Alone Extruder
KE 30/25 or 32**

Single screw extruder for extrusion of e.g.
round rods, films, profiles and tubes

Application

What does it do?

The Brabender Stand-Alone Extruder KE 30/25 or 32 is applied in processing and material testing. It is a multi-purpose machine for a large variety of polymer materials like:

- Thermoplastics e.g. PE, PP, PVC
- Thermoplastic elastomers e.g. TPU
- Engineering thermoplastics like PC or PA
- and others more, e.g. PEEK

Why is this important?

- Testing the processing behaviour for new recipes or incoming materials
- Final material inspection
- Quality control during production

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 KE 30/25 can be used to produce an 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.