



### 1 Extrusion

#### Twin-screw extruders

Lab and pilot-scale extrusion for material and process development

### 2 Microwave acid digestion

#### Multiwave series

Sample preparation for elemental analysis

### 3 Torque viscometry

#### Brabender ViscoQuick

Real-time substance dosing and rapid rheological analysis under high torque

### 4 | Gas pycnometry

#### Ultrapyc series

Preparation-free skeletal (true) density measurement

### 5 | Tapped density measurement

#### Ultratap series

Analysis of packing and compression characteristics

### 6 | Rotational/oscillatory and powder rheology

#### MCR series

Viscoelastic and powder flow behavior analysis, and texture measurement

### 7 | Particle size and distribution measurement

#### Litesizer DIA and DIF

Particle size, shape, and distribution analysis

### 8 | Moisture analysis

#### Brabender MT-CA

Multi-sample automated oven drying

# Food Extrusion and Characterization

Advanced food extrusion

**Advanced extrusion solutions  
with raw material characterization  
to ensure consistent texture,  
functionality, and reliable production**

