



1 | Dynamic image analysis

[Litesizer DIA 700](#)

Measurement of particle size and shape in the micrometer range

2 | Gas pycnometry

[Ultrapyc 5000/7000](#)

Analysis of skeletal (true) density

3 | Tapped density measurement

[Ultratap 500 Twin](#)

Tapped density measurement of dry battery electrode materials

4 | BET surface area analysis

[Nova 800](#)

Analysis of specific surface area and pore size distribution

5 | Mercury porosimetry

[PoreMaster 60](#)

Analysis of mercury intrusion pore size

6 | X-ray diffraction

[XRDynamic 500](#)

Crystallographic analysis

7 | Extrusion

[Brabender TwinLab B-TSE-S 20/40](#)

Lab- and pilot-scale extrusion for material and process development

8 | Dynamic mechanical analysis

[MCR 703 MultiDrive](#)

Analysis of free-standing film

9 | Surface and scratch testing

[MCT³ on Step 500](#)

Micromechanical mapping, nanoindentation, and scratch testing

10 | Powder rheology

[MCR 503 with CTD 600 Shear Cell](#)

Analysis of powder flow behavior

11 | Laboratory mixing

[Brabender W50 EHT](#)

Small-scale mixing

12 | Laboratory mixing and extrusion

[Brabender TSC 42/6](#)

Lab- and pilot-scale mixing and extrusion for material and process development

Dry Battery Electrode Setup

Innovation in the battery industry

Specialized solutions that expand
analytical possibilities and support
innovation across dry battery electrode
development and production



Find out more