



1 | Dynamic image analysis

[Litesizer DIA 700](#)

Analysis 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](#)

Measurement of tapped density of powders

4 | Powder rheology

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

Analysis of powder flow behavior

5 | Raman spectroscopy

[Cora 5001](#)

Measurement of defect ratio

6 | X-ray diffraction

[XRDynamic 500](#)

Measurement of degree of graphitization and crystallinity

7 | Microwave acid digestion

[Multiwave 7301/7501](#)

Sample preparation for elemental analysis

8 | Oil absorption analysis

[Brabender AbsorptoMeter C](#)

Determination of oil absorption number for carbon black and graphite

9 | BET surface area analysis

[Nova 800](#)

Analysis of specific surface area and pore size distribution

10 | Dynamic light scattering

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Measurement of particle size in the nanometer range

11 | Laser diffraction

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Measurement of particle size in the micrometer range

12 | FTIR spectroscopy

[Lyza 7000](#)

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battery raw materials, enabling faster
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