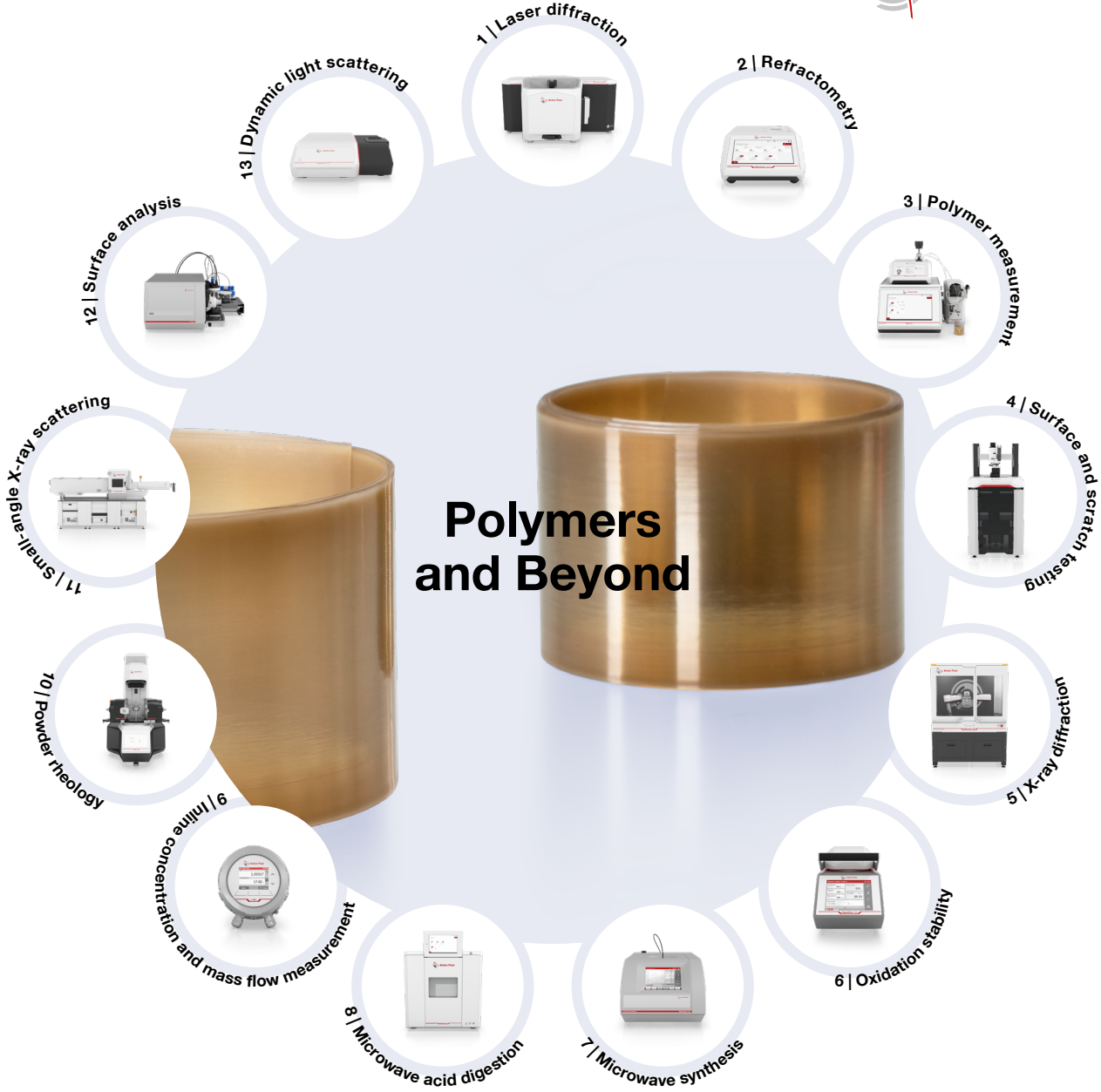
Anton Paar



1 | Laser diffraction
Litesizer DIF
Particle size and distribution analysis

2 | Refractometry
Abbemat Advanced
Analysis of degree of polymerization/ conversion

3 | Polymer measurement
DMA series, Lovis 2001, and Abbemat Advanced
Multiparameter measurement of density, viscosity, and polymer concentration

4 | Surface and scratch testing
MCT³ micro combi tester on Step platform
Micromechanical mapping, nanoindentation, and scratch testing

5 | X-ray diffraction
XRDynamic
Analysis of crystallinity, crystal structure, orientation, filler characteristics, and material quality

6 | Oxidation stability
RapidOxy
Thermo-oxidative degradation analysis

7 | Microwave synthesis
Monowave series
Performance of polymerization and synthesis

8 | Microwave acid digestion
Microwave series
Sample preparation for elemental analysis

9 | Inline concentration and mass flow measurement
L-Rix, L-Dens, L-Sonic, and L-Cor
Real-time polymerization monitoring in the production environment

10 | Powder rheology
MCR series with Powder Shear Cell
Powder flow behavior analysis

11 | Small-angle X-ray scattering
SAXSpoint
Nanostructure characterization

12 | Surface analysis
SurPass 3
Surface modification characterization via zeta potential

13 | Dynamic light scattering
Litesizer DLS
Colloidal stability analysis in polymer suspensions

Advanced Polymer Characterization

Polymer innovations

Specialized solutions that expand analytical possibilities and support innovation across polymer development and application workflows

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