



Fast GPC/SEC for molar mass distribution in production and plant environments.

GPC-QC is a compact high-temperature GPC/SEC instrument for quality control and process control in polyolefin manufacturing lines, providing robust and precise Molar Mass Distribution.

GPC-QC delivers the complete Molar Mass Distribution for one sample through a simplified workflow, with a fully-automated sample preparation and an analysis free of manual solvent handling throughout the entire process, which takes 30 minutes including dissolution.

The IR detection implemented in the instrument is highly stable, and it provides chemical composition information, which is key for controlling production of heterogeneous resins. This is particularly relevant in the case of copolymers, such as LLDPE, some HDPE, and the important group of EP copolymers as well. The information generated by the IR detector can be translated to either co-monomer weight fraction or to density units for a given product range.

ARABLAB stand #565

Polymer Char

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<http://www.polymerchar.com/gpc-qc>