

A photograph showing a red pushpin on a white surface to the left of a white ledge. On top of the ledge, several white pushpins are arranged in a line, receding into the distance. The scene is lit from the top right, creating soft shadows.

Unparalleled Separation of the
Soluble Fraction in Polypropylene

Two available systems that meet all existing needs.

CRYSTEX[®] QC



1 sample at-a-time
For process and quality control
Allows up to 4 grams of Polymer

CRYSTEX[®] 42

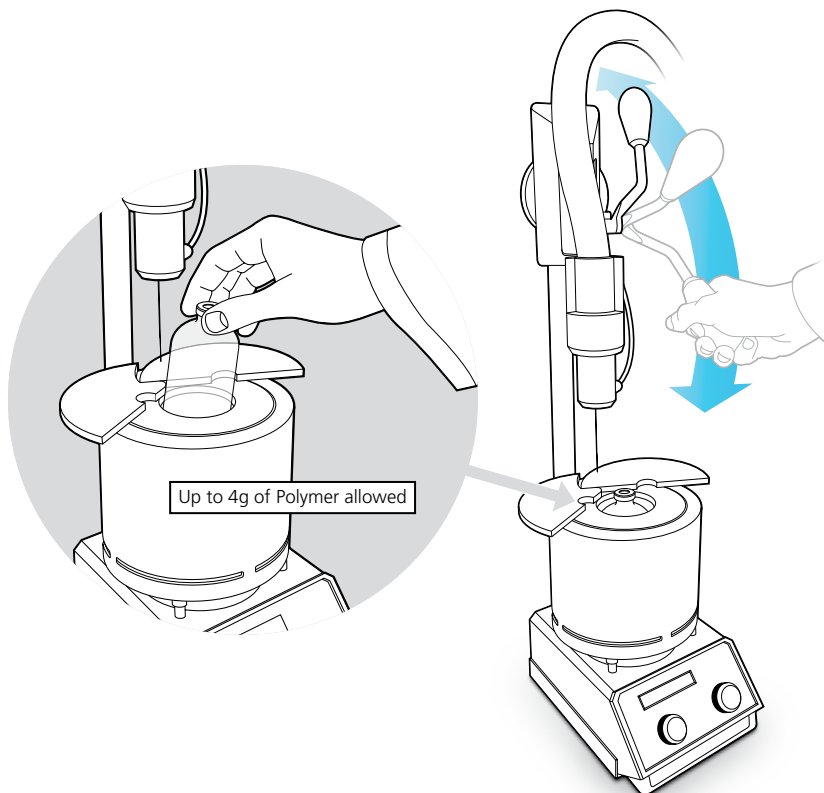


Autosampler for consecutive
analysis of large batches of
smaller samples (160mg)

01. Full Automation

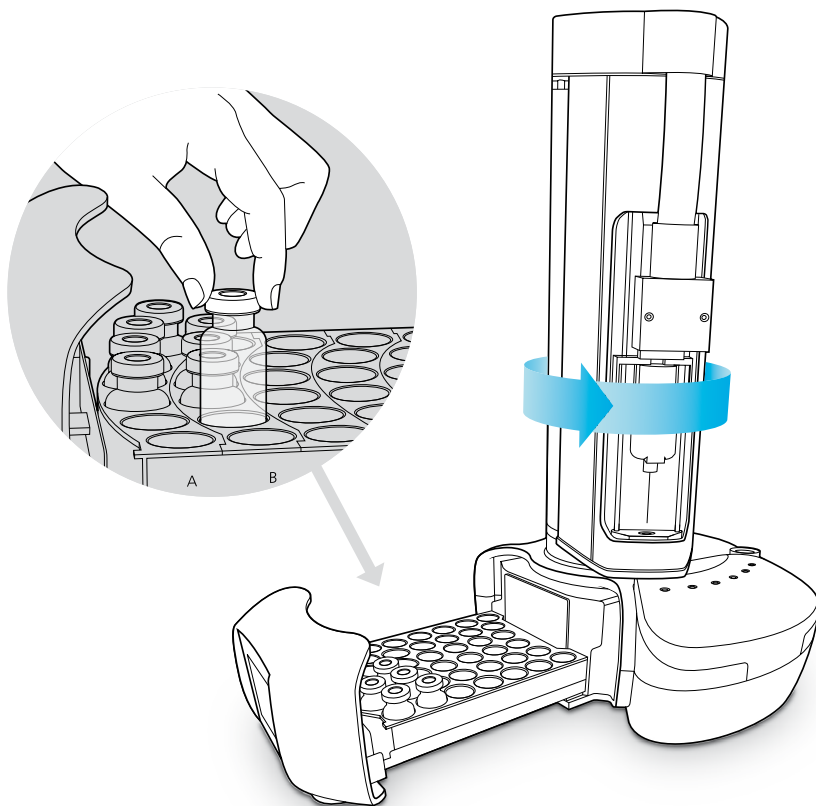
With **CRYSTEX® QC**, all the manual work that is required by the analyst is to put an approximate amount of polymer in the bottle and place it in the instrument. The remaining steps in the process are completely automated.

- **No sample weighing**
- **No solvent handling**
- **No external filtration**



With **CRYSTEX® 42**, all the manual work that is required by the analyst is to put the samples in the vials and place them in the autosampler tray. The remaining steps in the process are completely automated.

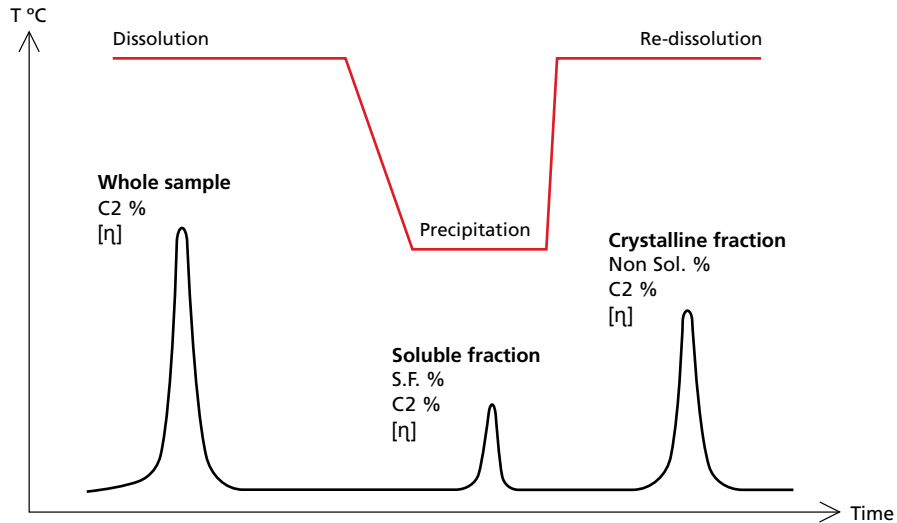
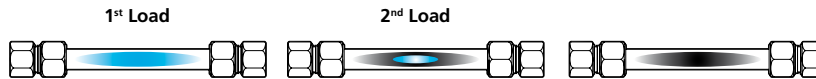
- **No sample weighing**
- **No solvent handling**
- **No external filtration**



02. Unique Separation

Using the TREF technique allows the analysis of all three parts of the sample:

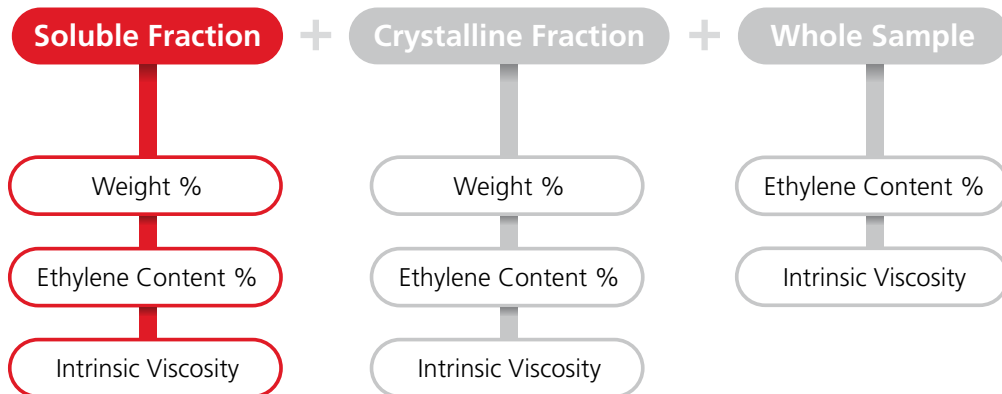
- The whole Polymer
- The Soluble Fraction
- The Crystalline Fraction



03. Powerful Information

Two integrated detectors provide additional information for all three parts of the sample with no extra analysis time:

- Infrared Detector, **IR4** delivers Concentration and Ethylene Content.
- A dual-capillary **Viscometer** for measuring Intrinsic Viscosity.



Only CRYSTEX[®] QC and CRYSTEX[®] 42
use the separation capability of the
TREF Technique for quantifying
the **Soluble Fraction**, while bringing
unprecedented advantages to Quality
Control in Polypropylene Production.

Polymer Char