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

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**CRYSTEX® 42**
- Up to 42 samples
- Incorporation of autosampler
- For analyzing large batches
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.
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

Up to 4g of Polymer allowed
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.
Polymer Char