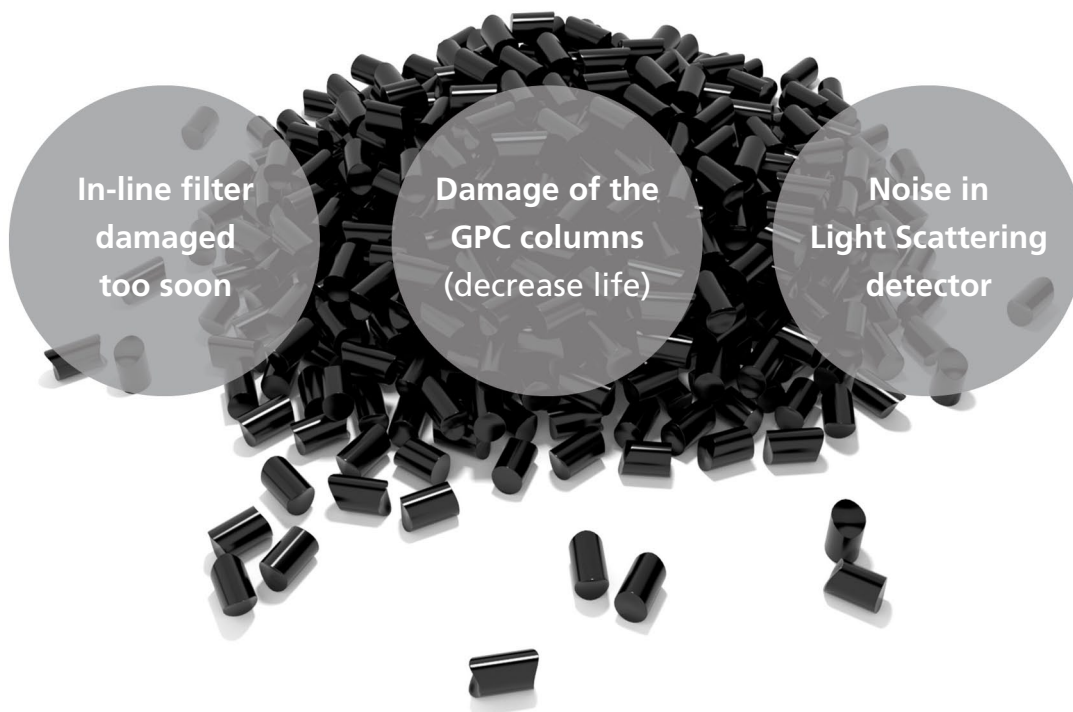


External Filtration System (EFS)



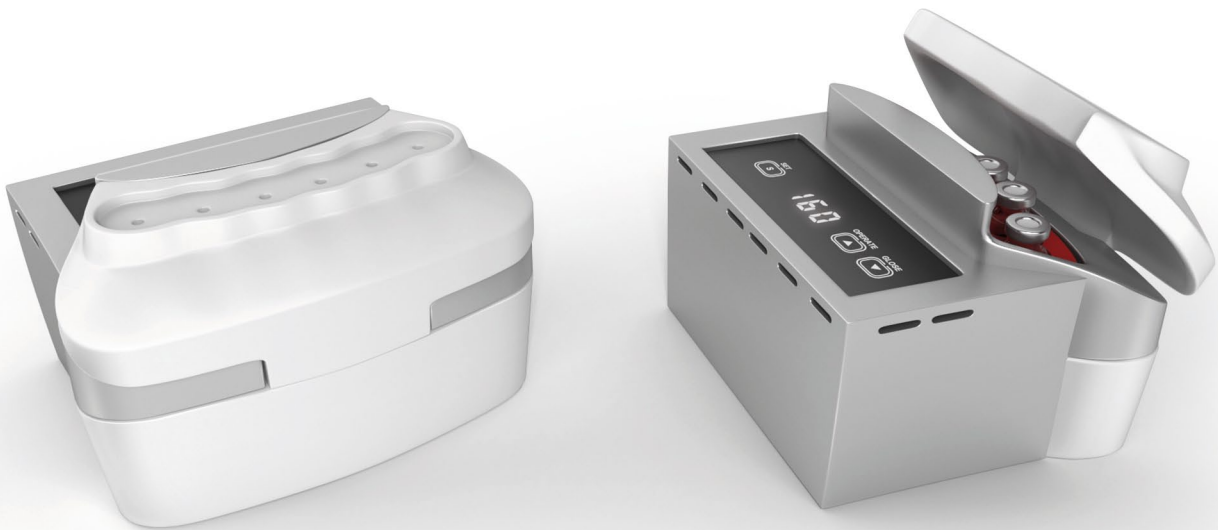
Samples containing carbon black, fillers or other pigments of small particle size can cause the following problems:



Step 1

Dissolve the sample.

- Independent and compact dissolution station.
- Up to 6 closed vials of 10 or 20 mL.
- Possibility of using programmed temperatures and different levels of shaking.
- Temperature range: Ambient to 160°C.



External Dissolution Oven - EDO

Step 2

Place the empty vial, the filtration cartridge and the sample to filtrate in the EFS.



1. Empty vial
2. Filtration cartridge
3. Sample to filtrate

Step 3

Press **START** and wait for 2 minutes.



EFS means a breakthrough in external filtration, being the only automated system in the market capable of eliminating the carbon black completely.

Before → **After**



Polymer Char's External Filtration System (EFS) is an automated, fast and innovative apparatus for eliminating carbon black, catalysts' residues or other fillers of small particle size that may be present in polymer samples.



Fast | Safe | Easy to use | No cross-contamination

Polymer Char