Development of a multifunctional pyrolyzer for evolved gas analysis, thermal desorption, and/or pyrolysis-GC of polymeric materials

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Abstract:
Using an improved pyrolyzer, an evolved gas analysis by programmed heating and a two-step pyrolyzer carrying out thermal desorption and flash pyrolysis as well as conventional flash pyrolysis was performed. Problems frequently encountered in the past were resolved.

Frontier Labs products used:
Multi-functional Pyrolyzer