

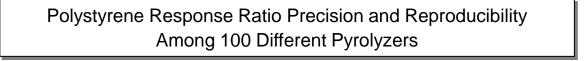
## Features of Double-Shot Pyrolyzer<sup>®</sup> PY-2020D & iD

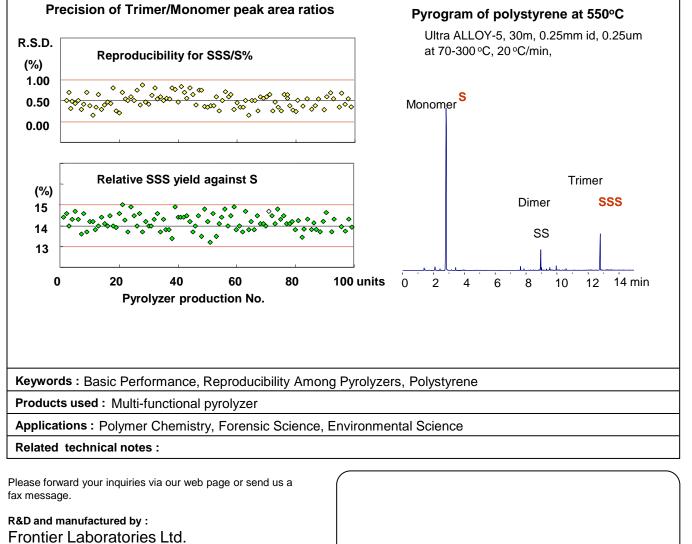
Part 1 : Two Guaranteed Performance Specs

## **High Performance and High Reliability of Pyrograms**

A newly developed pyrolysis furnace and controller by Frontier Laboratories make it possible to guarantee the reproducibility of pyrograms. Frontier guarantees that in styrene pyrolysis at 550°C, the response ratio of styrene trimer to monomer is 14 % +/- 1.5%, and the relative standard deviation (RSD) is less than 3% using Flame Ionization Detector.

Another guarantee Frontier offers is an evidence for complete deactivation of the flow path from the sampler to the detector, and minimum dead volume in the sample's flow path (see Technical Note PYT-002E)





Phone: (81)24-935-5100 Fax: (81)24-935-5102 http://www.frontier-lab.com/