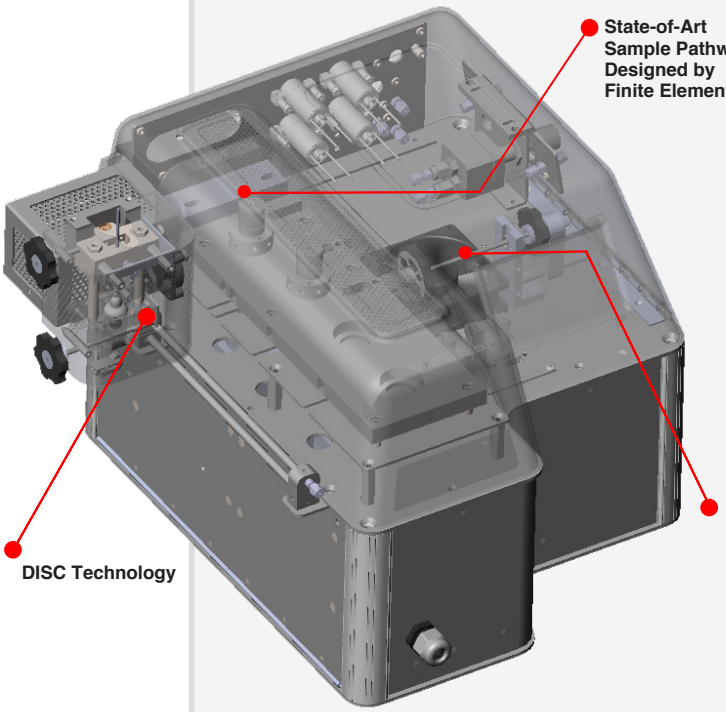
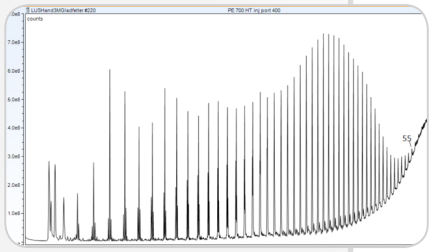
Multi-function Thermal Injection Pyroprobe 6200

The Pyroprobe 6200 has a built-in analytical trap to enable collecting analytes using slow rate thermal extraction. This analytical trap also expands the capability to use a reactant gas, and perform thermal desorption on sorbent tubes or larger samples. The 6200 also permits direct pyrolysis to the GC in GC carrier gas.



Capability:

- Flash Pyrolysis
- Reactant Gas
- Evolved Gas Analysis
- Multi-step Thermal Injection
- RoHS Phthalates Quantification
- FT-IR Analysis (optional)
- Heart-cutting (optional)
- Digital Flow Control (optional)
- Photochemistry (optional)
- LN_2 Cryotrap (optional)
- Thermal Desorption (optional)
- Catalyzed Reaction (optional)
- 25ml Dynamic Headspace (optional)
- 48-position Autosampler (optional)



Pyrolysis of Polyethylene at 600 °C with GC-Single Quadrupole MS

Pyroprobe 6200 adopts DISC technology and has maximized instrument resolution. As a comparison, for pyrolyzing Polyethylene at 600 °C through GC with a single quad mass-spec as the detector, the 6000 Series Pyroprobe could reach C_{55} where our competition would stop typically at C_{43}.

Technical Specifications:

	CDS 6200
Max Temperature	1300°C
Programmable Temperature	Yes, Up to 10 Steps
Max Temperature Ramp Rate	20,000 °C/s
Temperature Accuracy	±0.1°C
RSD% (Polystyrene)	1.5%
Leak Check	Yes
Build-in Trap	Yes, Tenax
GC Mount	High Temp Transfer Line
Sample Tube	DISC Quartz Tube

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