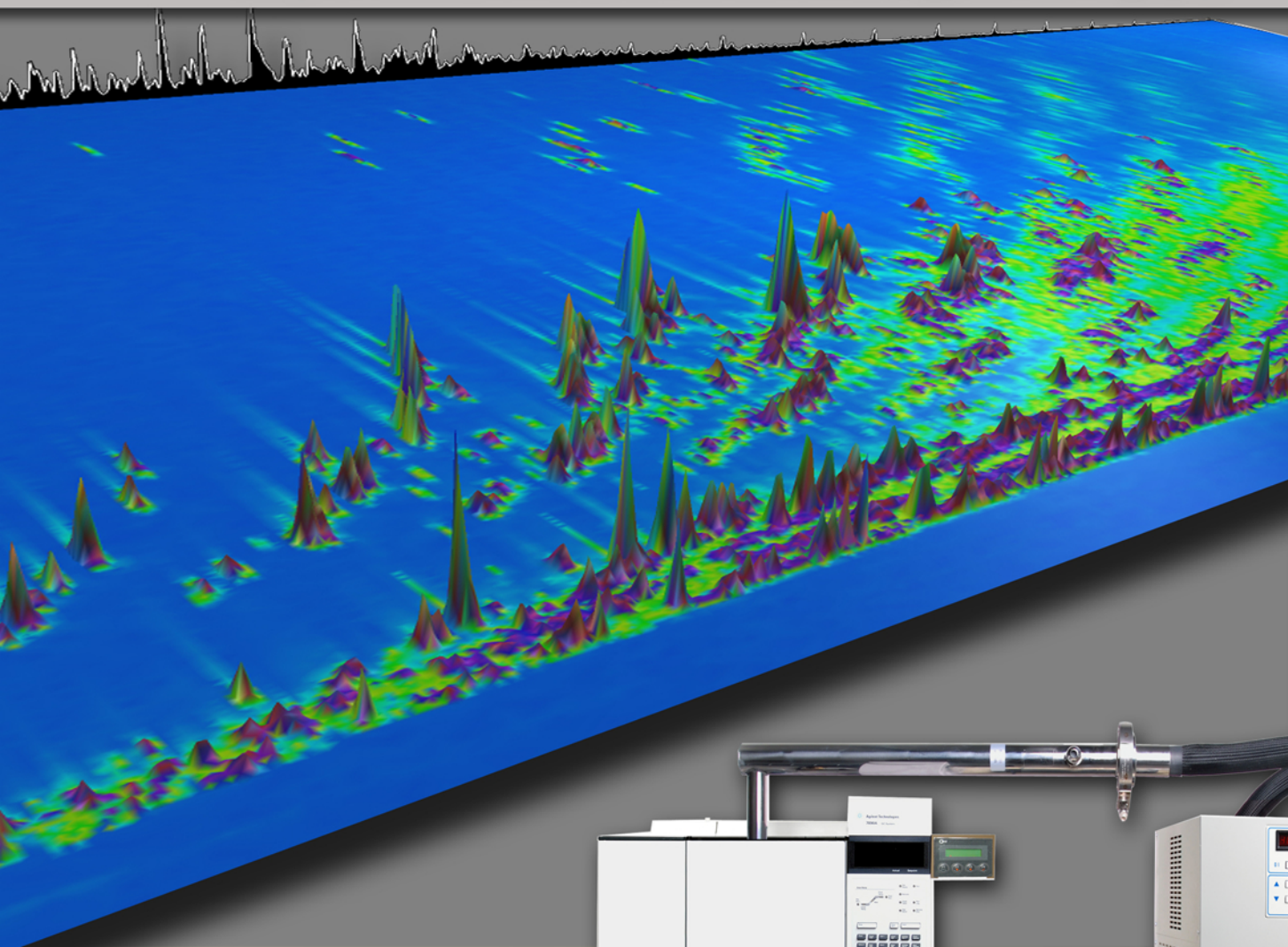


Introducing the NEW ZX-2 Closed Cycle Refrigeration Thermal Modulated GC x GC System

No liquid nitrogen required for thermal modulation
Ready for online, routine, around-the-clock 2D gas chromatography



Applications

- Petrochemicals - GC x GC provides the best chemical group information
- Environmental
- Food and Flavors
- Fragrance and Perfumery
- Metabolomics

ZX-2

Thermal Modulator

Two-stage thermal modulator using a continuous cold jet flow and a regularly pulsed hot jet to remobilize trapped effluent.

The ZX-2 employs a closed cycle refrigerator/heat exchanger to produce -90°C cold jet and modulates volatile and semi volatile compounds over C7+ range.

Two-Stage "Loop Modulation"

Hot jet temperature:	Up to 475°C
Cold jet temperature:	As low as -90°C
Modulation period:	Interval of 1 sec to 32 sec
N2 consumption:	18 SLM per jet - MAX



Cooling System

Continuous cooling without liquid nitrogen
 Maximum cooling temperature: -90°C at the jet
 SS vacuum insulated cold gas delivery line 30" long
 Cooling Probe :316 corrugated stainless
 Refrigerant expands directly inside the probe
 Compressor :2 compressors @ 1/4 hp
 Dimensions :10" x 20" x 18.5"
 Weight :70 lbs / 32 kg
 Electrical :120 V / 60 Hz
 :220V / 50 Hz



Pricing

Toll-free (866) 904 2942 Office (281) 484 2828 www.ZOEX.com

Learn More

Zoex offers on-site and online training. Our on-site classes (held at our headquarters in Houston, Texas and at our Zoex Europe office based in Eindhoven, The Netherlands) receive high praise from comprehensive GC analysts across the globe.

Support

Zoex Corporation answers telephone calls in person during regular business hours (866) 904 2942 USA and +31 (0) 40 257 3972 EUROPE
 Email support: info@zoex.com or info@zoex.eu
 Online Meetings: We invite online meetings with technical staff at any time.
 Contact us to learn how easy and efficient it is to use our online training service and support facilities.