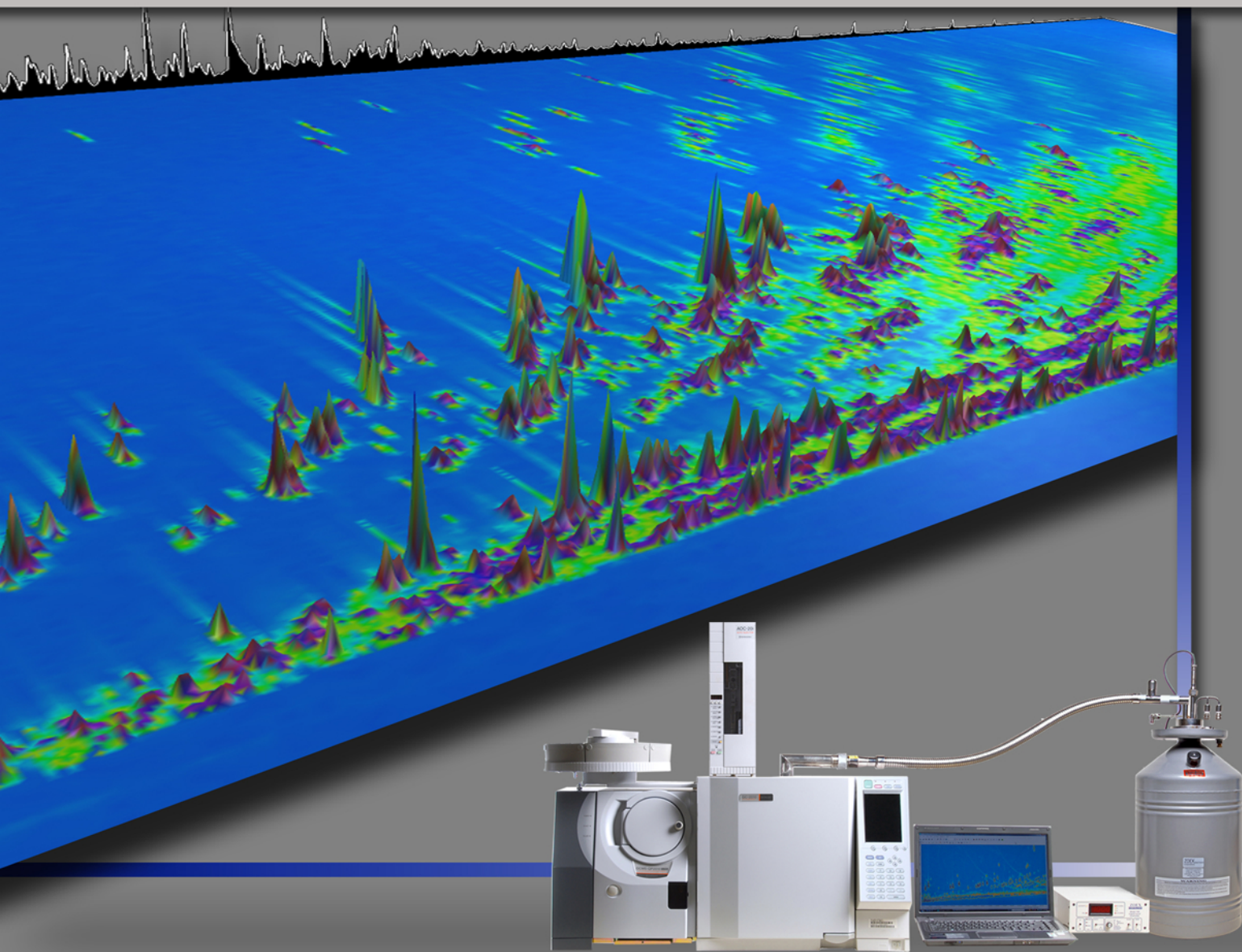


ZX-1 Thermal Modulation GC x GC System

The majority of chemical mixtures are far more complex than conventional GC has led us to believe. ZX-1 modulates the widest range of organic compounds. Gain over 10 times improvement in GC resolution and 5 times in sensitivity.



Applications

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

ZX-1

Thermal Modulator

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

The ZX-1 system provides the lowest practical temperature for thermal modulation, hence modulates the widest range (C2 to C55) of organic compounds.

Two-Stage "Loop Modulation"

Hot jet temperature	Up to 475°C
Cold jet temperature	As low as -189°C
Modulation period	Interval of 1 sec to 32 sec
N2 consumption	18 SLM per jet-MAX



The Zoex "Loop Modulator" is a particularly Simple, Robust and User-friendly device.

Cryogenic Cooling System

Liquid nitrogen heat exchanger
Maximum cooling temperature: -189°C at the jet
Flexible vacuum insulated cold gas delivery line 36" long
Bench top dewar :5L, 24"H
Automatic liquid level controller
Dimensions :3.8"H x 8.4"W x 11.1"D
Weight :3.6 lbs / 1.6 kg

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.