

고객의 성공은 우리의 성공

# 크로젠 GC/TCD 고객 성공 패키지

## 기대, 그 이상의 성능과 가치, GC/TCD CSP #2

### 1. Hardware

- ChroZen GC Mainframe
- Packed Inlet
- TCD (Thermal Conductivity Detector)
- YL-Clarity Software (Chromatography Data System)

### 2. Added Value (최소 SAVE 1,400만원)

- 3년 Warranty 혜택 (2020년 계약 시 4년)
- 예방 유지 보수 (1년 2회, 3년간)
- 첫 사용 필수 소모품 지원
- 실전 분석 워크샵 프로그램 (1인 1장비, 3일간)
- 고객 만족 책임 환불제 (해피 리콜, 3개월 이내)
- 전문 엔지니어 전담 배정
- 2시간 내 방문 수리 (서울/경기)
- 24시간 이내 방문 수리 (전국)
- 1:1 데모 장비 대여 서비스



### 추가 장착 가능한 솔루션 옵션



Valve



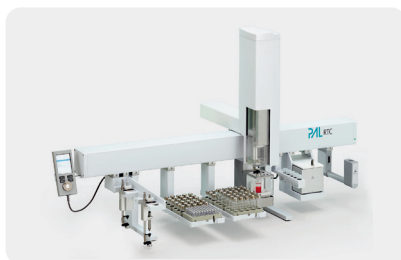
Headspace Autosampler  
(Syringe Type)



Headspace Autosampler  
(Loop Type)



Methanizer



All In One Autosampler

## ChroZen GC/TCD Specification

ChroZen GC	
Maximum Number of Heated Zones	15
Maximum GC Methods Storage	20
Data Communication	LAN
LCD Touchscreen Interface	10.1"
UPC (Ultimate Pneumatic Control)	
Atmospheric Pressure Compensation	Yes (real time)
Amb. Temp. Compensation	Yes (real time)
Maximum pressure	150 psi
Setting value	0.001 psi
Display value	0.001 psi
Retention time repeatability	0.0008 min(Tetradecane)
Area Repeatability RSD(%)	<0.5% RSD
- Programmable Flow for Carrier Gas	Yes
- Programmable Pressure for Carrier Gas	Yes
Column Flow Control Modes	Constant Flow, Constant Pressure Programmed Flow, Programmed Pressure Pulsed Pressure
No. Valve Available	8 (Option : 10 ea)
No. of Pneumatic Control Available	9

Inlets	
Maximum number of inlets	3
Split/Splitless Capillary Inlet	
Maximum Operating Temp.	450°C
Pressure Setting Range	0.001 - 150 psi
Column Oven	
Operating Temp Range	Amb. + 4°C to 450°C
Temperature set-point resolution	0.1°C
Oven Cooldown Rate	3.8 min 450°C to 50°C
Oven Volume	14 L
Detector	
Maximum number of Detectors	4
TCD (Thermal Conductivity Detector)	
Maximum Operating Temp.	400°C
Minimum detectable level	2.5 ng/ml as dodecane 0.4 ng/ml (μTCD)
Linear Dynamic Range	10 <sup>5</sup>
Maximum Data Acquisition Rate	500Hz
Chromatography Data System YL-Clarity	
Platform	All Windows OS
Simultaneous Use for Multiple Instrument Types	Yes
Maximum Number of Instrument Control	4
21CFR part11 Compliance	Yes

