



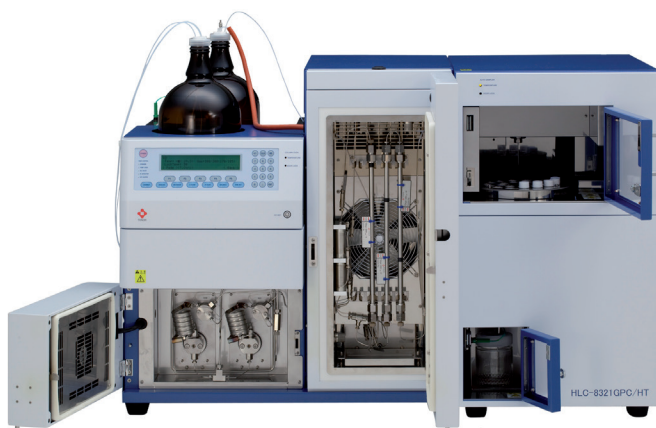
**> 2000
INSTRUMENTS
INSTALLED
WORLDWIDE**

EXPERT IN MANUFACTURING GPC/SEC INSTRUMENTS & TSKgel COLUMNS

**8TH GENERATION OF
EcoSEC ELITE SYSTEM**



**3RD GENERATION OF
EcoSEC HIGH TEMPERATURE SYSTEM**



DISCOVER OUR GPC SOLUTIONS FOR THE ANALYSIS OF POLYMERS

- EcoSEC ELITE GPC SYSTEM (UP TO 60 °C)
- HIGH TEMPERATURE EcoSEC GPC SYSTEM (UP TO 220 °C)
- WIDE VARIETY OF TSKgel GPC COLUMNS
- TECHNICAL SERVICES & MAINTENANCE
- TEST ANALYSIS, INSTALLATION AND CALIBRATION SERVICE
- EDUCATION AND TRAINING
- OPTIONAL OPTIONAL UV, LIGHT SCATTERING, VISCOMETER DETECTORS

CONTACT US

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TOSOH BIOSCIENCE

ECOSEC HIGH TEMPERATURE

EcoSEC Elite all-in-one GPC System is developed for high throughput polymer analysis. It delivers top performance, reliability and superior results. Time and solvent can be saved when the EcoSEC Elite systems are coupled with our extensive line of highly efficient, semi-micro TSKgel columns.

BENEFITS:

- Reduced analysis time and doubled throughput
 - Shortest warm up time
 - Up to 80% reduction of solvent and disposal costs
 - Stable RI baseline at 30 min in THF
 - Accurate flow rates and reproducible molar mass distribution
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EcoSEC FEATURES:

- Dual flow cell RI detector with LED light to reduce noise and drift
 - Constant temperature of degasser chamber, pump heads and solvent line
 - Low dead volume
 - Large column oven can house up to 8 columns and switching valve
 - Easy to use software
 - Optional solvent stocker with temperature control at 40 °C
 - Optional autosampler cooling down to 10 °C and heating up to 50 °C
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ADDITIONAL FEATURES OF THE EcoSEC HIGH TEMPERATURE SYSTEM

- Temperature range up to 220 °C
 - Extended safety is guaranteed by sensors
 - 24 vial auto sampler with temperature control up to 220 °C
 - Heated solvent holder at 40 °C
 - Sample preparation system for heating, gentle shaking and filtration
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TSKgel GPC COLUMNS

- 15 cm semi-micro columns
 - Multipore technology
 - Various polymeric phases
 - High temperature columns up to 220 °C
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