SCIEX Triple Quad™ 3500 LC-MS/MS System

Legendary power, accuracy and flexibility. All within your technology budget.
What Else Can I Do with an LC-MS/MS for Environmental Testing?

Accurately Detect and Quantify Your Molecules

Sample preparation, chromatography, method development and proficiency testing from our sister Opcos:
Accurately Detect and Quantify Your Molecules
With Precision Mass Spectrometry Tailored to Your Needs

Can LC-MS/MS Be Used in Horse Meat Detection?

The Detection of Allergens in Bread and Pasta by Liquid Chromatography Tandem Mass Spectrometry

Quantitation and Identification of 13 Azo-dyes in Spices using LC-MS/MS

Sample preparation, chromatography, method development and proficiency testing from our sister Opcos:

SCIEX
The Power of Precision

Sciex
Phenomenex
Phenologix
Phenova

…breaking with tradition
Your Method, Our Scientists,
Certified Reference Materials

Figure 2. Scheduled MRM™ algorithm screen for peanut, milk, egg and wheat allergens in a bread sample spiked with 100 ppm milk and egg proteins

Figure 4. Detection of peptides characteristic for horse meat in beef at different levels, it shows that horse meat can be detected at a 1% level

Figure 1. Quantitation of Terpenes in Cannabis Products Using the Triple Quad 3500 LC-MS/MS System

Analysis of Pesticides in Food Samples Using the SCIEX Triple Quad 3500 System

Figure 2. Sensitivity comparison of a 10 ng/mL standard analyzed using the API 3200 System (top) and SCIEX Triple Quad 3500 System (bottom) with an average sensitivity gain of 5x
Take Your Traditional GC/MS and HPLC Methods to the Next Level

Powerful, modern hardware for ultimate reliability and productivity on a budget, with the SCIEX Triple Quad 3500 LC-MS/MS System

More MRMs per injection, space-saving design
Qurved LINAC® collision cell

Evolution of the ion path – modernized to meet the demands of today’s analytical labs
The Triple Quad 3500 System takes the best features of the API 3200™ System and enhances them with modern engineering and electronics.

What’s keeping with tradition?
The robustness and ruggedness you expect from SCIEX instruments featuring the legacy Turbo V™ source and Curtain Gas™ interface.

The Revolutionary Turbo V Source
It has underpinned academic research discoveries, pharmaceutical development, forensic investigations, clinical workflows and testing to ensure our food is safe to eat and water is safe to drink.
Adaptable to the demands of your workflows, the Turbo V Source features both Electrospray Ionization (ESI) and Atmospheric Pressure Chemical Ionization (APCI).