



## Integrated ELSD (Evaporative light scattering detector)

Secure your detection  
thanks to a universal detector

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### Components

Integrated ELSD  
Gas inlet pipe  
Drainage pipe for liquids  
Gas discharge pipe

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### Detection

Highly sensitive photodiode

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### Specifications

Source: LED (470 nm)  
Temperature: from room temperature to 100 °C  
Minimum required gas pressure: 1-1,5L/min – 1 bar  
Purification of raw samples from a few milligrams to hundreds of grams

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### Technologies

Dynamic Split: 40 µl/min for samples that flow into the ELSD  
Sensitivity: < 100 ng caffeine (LOD)  
Automatic gain control (SAGA)  
Low temperature technology  
Specially developed for purification (nebuliser, required gas pressure, lost sample quantities)

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### Communication

Control via InterSoft X software  
Computer interface: 2 x RS-232 cable

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### Compatible with puriFlash® purification systems

The integrated ELSD is part of the iELSD Pack. It can be connected to the puriFlash® PF-5.020, PF-5.050, PF-5.250, PF-5.250P