

HPLC New



ELSD Detector YL 9180

Our new ELSD is an essentially universal detector, primarily used in HPLC. Young Lin ELSD is an ideal substitute, or supplement to, traditional HPLC detectors for liquid chromatography concentration detection.

In comparison to other ELSD detectors, Young Lin ELSD has the ability to vary the split ratio smoothly over a wide range with a new patented (Patent No. US 7,290,723 B1) Thermo-Split Technology. This precise vapor phase control combines a gentle bend with a temperature controlled spray chamber.

This means that with one low cost detector you can handle high volume as well as difficult to evaporate mobile phases optimally, efficiently and easily, all without sacrificing sensitivity.

Features

- Sensitive Detection for a Wide Variety of Chemical Classes and Structures
- Patented Thermo-Split™ Technology for Precise Vapor Phase Control (Patent No. US 7,290,723 B1)
- A single multi-flow, nebulizer for use with micro-bore to semi-preparative flow rates.
- Very low detector volume resulting in the smallest peak within 3 sec
- Fast Start-up / Easy to Use
- No Consumable Parts
- Low Cost of Operation

There are 2 types of ELSD as below.

YL9180 ELSD

Display	2 Line x 20 Character per line VFD
User Interface	Four multi-function buttons
Evaporative Zone Temp.	60°C from ambient to 120°C
Thermo-Split™ Chamber Temp.	30°C to 60°C
Liquid Flow Rate	0.2mL/min to 3mL/min
Wetted Materials	Stainless steel, glass, anodized aluminum, Teflon™
Light Source	670 nm Laser Diode, <5mW
Detector	Hermetically sealed photo-diode/operational amplifier
Interface	RS232, Contact Closure
Sensitivity	Standard Sensitivity

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YL9181 ELSD

Display	2 Line x 20 Character per line VFD
User Interface	Four multi-function buttons
Evaporative Zone Temp.	60°C from ambient to 120°C
Thermo-Split™ Chamber Temp.	10°C to 70°C
Liquid Flow Rate	0.2mL/min to 5mL/min
Wetted Materials	Stainless steel, glass, anodized aluminum, Teflon™
Light Source	670 nm Laser Diode, <5mW
Detector	Hermetically sealed photo-diode/operational amplifier
Interface	RS232, Contact Closure
Typical Laboratory	General Laboratory Advanced Research
Sensitivity	Highly Sensitive

Price start from 15 000 CHF ex VAT / MWST 8%

For future information's and quote contact us at :

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